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Volume 132 AUGUST 2, 1937 Number 5

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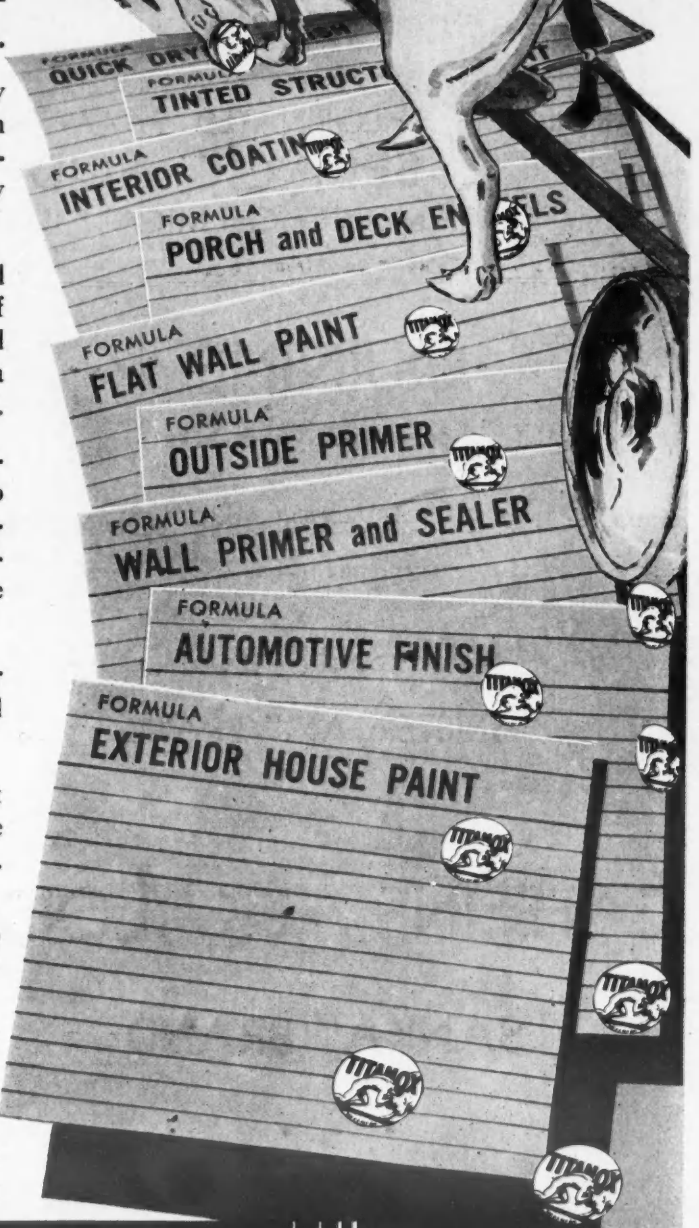

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Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison

Volume 132 AUGUST 2, 1937 Number 5

RECEIVED AUG 2 1937 LIBRARY THE CHEMISTS' CLUB

Reporter's Nationwide Business Survey Shows Continued Progress in Chemical Industries

Well-Balanced Gains in Production and Sales Found in First Quarter —Sentiment Better—Prices Down 1.6 Percent from April 1

Production and sales of chemicals, oils, and drugs in the second quarter of the current year were substantially larger than they had been in the corresponding period in 1936. Records submitted for use in the REPORTER'S survey of business activities in the quarter showed an increase over the 1936 quarter of 13.1 percent in the production of the materials composing these groups. This increase set the gain for the first half of the year at 14.3 percent.

The statistical position of the chemical, oil, and drug industries in respect of production in the second quarter reflected with barometric sensitiveness and accuracy the condition of manufacturing industry as a whole, the records of the Federal Reserve System showing that general manufacturing production during the quarter averaged slightly more than 11 percent larger than that in the corresponding period in 1936. Production of minerals was reported to have averaged 16.2 percent larger, and the gain for all industrial operations was something more than 12.1 percent.

Sales of the industrial materials composing the chemical, oil, and drug groups were 12.5 percent larger in volume in the second quarter of this year, according to the REPORTER'S survey in comparison with the 1936 quarter. Their total value was 13.2 percent larger. Sales during the first half of the year showed, in comparison with 1936 records, an increase of 14.9 percent in volume and 17.1 percent in value, indicating a close accord between production operations and market expansion. Prices of chemicals, oils, and drugs at the end of the second quarter averaged 8 percent higher than at the same time in 1936. The average was lowered 1.6 percent during the quarter, but stood 2.1 percent above the level of the first of this year.

Foreign trade in chemicals, oils, and drugs during the second quarter continued to have a trend toward a less favorable balance, but the net showing—insofar as a direct comparison of export and import values is a criterion—was still favorable, differing in this respect from United States foreign trade as a whole. Fully comparable records are available for only the first five months of the year. These show an increase of 21.2 percent in the value of exports of chemicals, oils, and drugs, in comparison with the corresponding period in 1936, and an increase of 39.4 percent in imports. Exports of these goods during the five months had an aggregate value of $227,792,900; imports totaled $199,400,000. The excess of exports over imports—14.2 percent—compares with one of 39 percent in the records for the whole of 1936.

Business in chemicals, oils, and drugs was of good volume during the first half of this year, and although prices were not substantially advanced, this business was gratifyingly profitable. Corporation earnings in these industries, reported for the first half of the year, were about 38.5 percent larger than those reported for the corresponding period in 1936.

Factory employment in the chemical, oil, and drug industries during the second quarter averaged 12 percent larger than that in the corresponding period in 1936; this compares with a gain of 14 percent for manufacturing as a whole; but, in comparison with the number of workers employed during 1923-25 the chemical, oil, and drug industries in June showed an increase of 24.1 percent, which was 22.6 percent larger than that for manufacturing as a whole. Payroll totals in the chemical, oil, and drug industries averaged for the second quarter 30 percent larger than those in the 1936 quarter, the increase being slightly greater than that for all manufacturing; but the chemical, oil, and drug payrolls, standing 37.4 percent above the 1923-25 average, were 33.7 percent better than those of manufacturing as a whole. This indicated that the group was paying average wages about 9 percent better than those in industry in general and almost 11 percent higher than those paid in the 1923-25 period.

In spite of the relatively and actually higher wages paid in the chemical, oil, and drug industries, these enterprises were not free from the disturbing influence of C.I.O. endeavors to gain recognition in industry. This organization has formed a chemical workers division and staged various forms of disruptions during the second quarter. For the most part these were confined to relatively small plants and at most brought but little success to the disturbers.

Dissatisfaction on the part of employees with any working conditions had a small, if any, part in these "labor troubles," which were designed to get recognition for the newer labor organization whose success in some others of the larger industries had gone to the heads of inexperienced, irresponsible subordinate leaders. The lack of leadership qualifications on the part of these was quite widely recognized among chemical workers and the general tendency among them has

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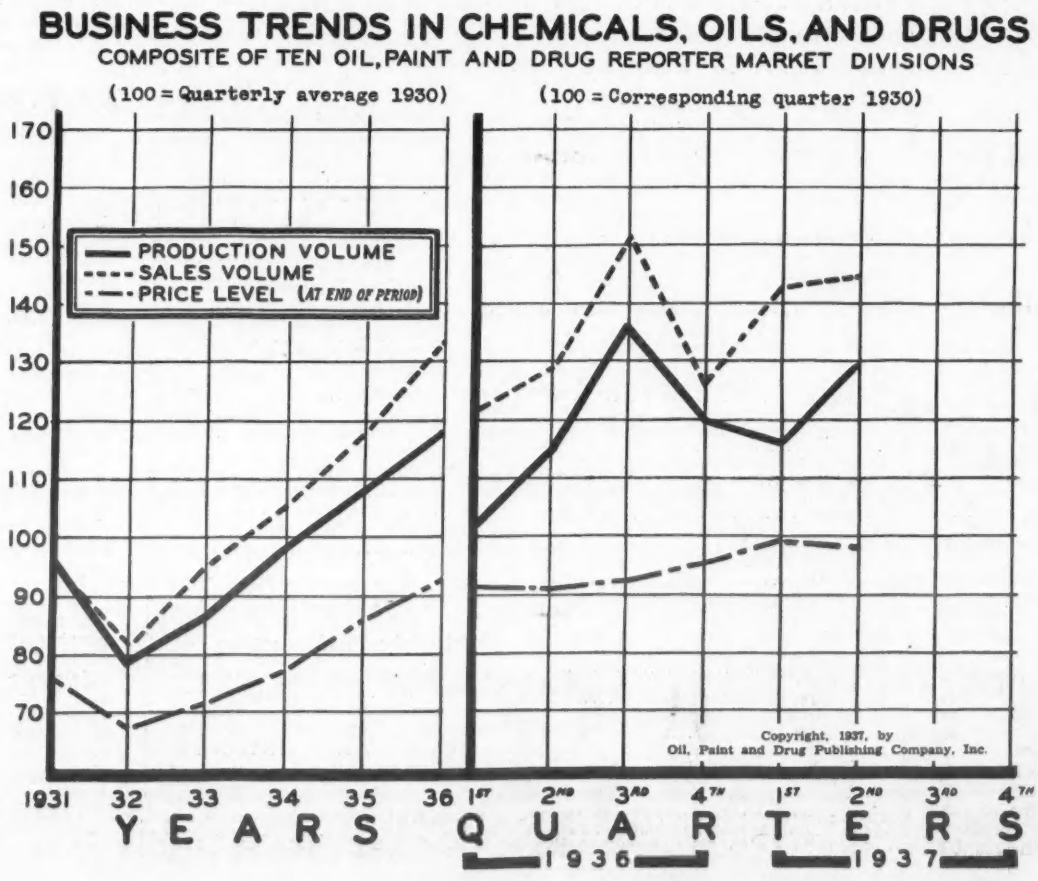

Closing Market Developments

London Closing Cable

LONDON, July 30, 1937.

Carnauba wax was priced at 175s. per hundredweight; quicksilver, £13 10s. per flask.

Chinawood Oil Steady

Chinawood oil was steady late in the week. Demand was quieter, but offerings were light in view of political conditions in the Far East. Cables from Hankow were irregular, changes being small.

Chilean Nitrate of Soda Prices

Prices for Chilean nitrate of soda in bulk, which were named June 23 for July-October delivery, were cancelled, and effective today, August 2, the price in bulk for delivery up to and including June 30, 1938, is $27 per ton, f.o.b. port warehouses. This compared with the previous price of $26.50 per ton, ex vessel at the ports. Prices for material in bags in the New England States, New York, New Jersey, Pennsylvania, Delaware, eastern shore of Maryland and all Middle Western States, comprising district ten, including Kentucky, are $28.30 per ton in 200-pound bags and $29 per ton in 100-pound bags. These prices are also f.o.b. and all apply for shipment by rail or boat only. Deliveries to trucks are 50 cents per ton additional either for bagged or bulk material.

N.F. VI Corrections Announced by Kelly

E. F. Kelly, secretary of the American Pharmaceutical Association, Washington, has issued the following bulletin with regard to corrections to be made in the text of National Formulary VI:—

Corrections in N.F. VI.

(Second List)

Since the issuance of the first list of 54 corrections in National Formulary VI in June, 1936, the Committee on N.F. has carefully studied other suggested corrections in the text and have compiled a second list of 36 corrections to be made in the first and second printings of the N.F. VI, bearing official coupons with serial numbers from 100,001 to 135,260. The corrections have been approved by the council of the A.PH.A., and corresponding corrections will be made in subsequent printings of N.F. VI.

A list of these corrections, with an index, printed on one side of the sheet and in type corresponding to that replaced, is available, without cost, and is so arranged that the sheets can be inserted in the front of the N.F. VI or that each correction can be cut out and pasted over the wording it is to replace.

Requests for corrections in N.F. VI (second list) may be sent to Mack Printing Company, Easton, Pa., or the American Pharmaceutical Association, 2215 Constitution avenue, Washington, D. C., and must give address and be accompanied by sufficient postage to insure delivery.

Corrections in N.F. VI (first list) may be obtained in the same way by owners of N.F. VI bearing numbers 100,001 to 125,000, who may not already have this list.

E. F. KELLY,
Secretary.

Trade News Briefs

Louis Leavitt Corporation's paint and varnish plant equipment in Brooklyn, N. Y., was sold at public auction during the week of July 26.

Roche Products, Ltd., is erecting a new pharmaceutical manufacturing plant in Welwyn, the "garden city" located about 20 miles north of London, England.

DeGregory Paint Company, Los Angeles, reports the formal opening in Hollywood of two new stores, one of which has undergone complete modernization.

Intercoastal Paint Company, Baltimore, was badly damaged by fire and a series of twenty explosions July 24. The mixing plant and two other structures were wrecked. Two men were seriously burned.

George A. Whiting, president, and all the other officers of the Standard Wholesale Phosphate & Acid Works, Baltimore, were reelected at the annual meeting of the stockholders.

Smith Douglass Company, fertilizer and chemical manufacturing firm, Norfolk, Va., has changed its name to the Smith-Douglass Co., Inc., and increased its maximum capital stock from $300,000 to $2,600,000.

Chemical Price Level Unchanged

Although a number of price changes were made last week in the markets for heavy and fine chemicals, none was of major importance, and advances and declines were balanced in their effect on the general average. Business showed some little improvement, and it was felt that the low point of the Summer had been passed. Activity was spotty, being most noticeable in the coaltar division, where phenol shipments were up to production and demand for benzol was broadening.

Prices were advanced on antimony metal, hardwood pitch, aloin, a few Manila and Singapore copals, Japanese fish scrap, and feeding tankage (Chicago). Prices were reduced on potash-chrome alum, corn syrup, domestic castor pomace, imported and domestic nitrogenous fertilizer material, imported steamed bone and bonemeal, ground fish scrap (Baltimore), and hoofmeal (Chicago).

The REPORTER'S composite index number of prices for heavy and fine chemicals remained at 127.1 (100 = average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 90.0, against 88.6 at this time last year.

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Titanium Pigment Elects C.F. Garasche President

C. F. Garasche has been elected president of the Titanium Pigment Corporation, succeeding Ralph M. Roosevelt, who resigned, and Ivan D. Hagar, general sales manager, has been elected vice-president. Mr. Garasché was for-

Blank & Stoller Photo
C. F. Garasche

merly vice-president. Mr. Garasché was also recently appointed manager and Mr. Hagar assistant manger of the National Lead Company, Titanium Division.

Mr. Garasché is a native of St. Louis and will celebrate his forty-seventh birthday August 21. He was educated in the public schools and Central High School in St. Louis. In 1907 he was employed by the St. Louis and San Francisco Railroad working in the purchasing and statistical departments. Five years later he entered the metal business as purchasing agent and traffic manager for the Picher Lead Company at St. Louis, Mo., and in 1916 after the Picher Lead Company consolidated with the Eagle Lead Company he became assistant general manager for the Eagle-Picher Lead Company at Newark, N. J., and was in charge of the construction and operation of the litharge and red lead plant in that city.

During the World War, Mr. Garasché was a lieutenant in the U. S. Army Signal Corps and was also an aviation pilot at Urbana, Ill., Waco and Houston, Texas.

In 1921, Mr. Garasché became associated with the National Lead Company, as assistant to the production manager, and continued with that company until 1933, when he was chosen vice-president and director of National Lead's associate company, the Titanium Pigment

(Continued on page 40)

U.S.P. XI Supplement Ready for Distribution

E. Fullerton Cook, chairman of the U. S. P. XI Committee of Revision, announces that the first supplement to U. S. P. XI has just been released and will become official December 1. It is a booklet of about 100 pages in a substantial binding and may be obtained from the Mack Printing Company, Easton, Pa., from wholesale druggists, or from any other distributor of the U.S.P. at $1 per copy, postpaid. In this supplement, all of the texts revised to June 1, 1937, are reprinted in full so that there can be no misunderstanding of the authorized changes.

This supplement, Mr. Cook says, was prepared under the same careful procedure followed for the original text of the Pharmacopeia. Each proposed change was investigated by the appropriate sub-committee and submitted for consideration of the Revision Committee. The tentative text was then given wide distribution to solicit criticisms and suggestions. Following a hearing the members of the executive committee held a conference with officials of the Food and Drug Administration in Washington and then decided upon the text, which was then submitted in full to the members of the Committee on Revision for discussion and approval. Finally the board of trustees decided the date of issue for the supplement and the date it is to become officially a part of the U.S.P. XI and the price for which it is to be sold.

Drug Act Revisers Turn to Revamping of Copeland Bill

Drastic Measure Apparently Aim of Majority of House Subcommittee—Label Statement of Variations Would Be Required

WASHINGTON, July 29, 1937.

A determination to report out an amended Copeland food and drug bill apparently is motivating members of the subcommittee of the house committee on interstate and foreign commerce. The group held several meetings this week, some of which were attended by experts from the Food and Drug Administration, and will meet again next week.

A thorough revision of the food and drug law in language more drastic than desired by the regulated industries seems to be the aim of the majority of the subcommittee, and the plan apparently is to present this to the house at the same time the committee makes its formal report on the Wheeler-Lea bill placing drug advertising under the jurisdiction of the Federal Trade Commission. The report on the latter measure has not yet been filed although it was voted by the full committee three weeks ago.

The subcommittee has prepared a committee print of the Copeland bill (S. 5), containing amendments tentatively agreed upon or submitted for further discussion, and while this print is not official and not binding on the subcommittee, it indicates the concensus within the subcommittee at the present time. This print follows the form of S. 5 as passed by the senate, but eliminates all references to advertising because of the advertising provisions contained in the Wheeler-Lea Federal Trade Commission bill (S. 1077) and contains other modifications, some taken from the original Chapman bill (H. R. 300), some which were contained in the bill that passed the house during the last session, and some proposed by the legislative counsel of the house.

The definitions of food, drugs, device and cosmetic are changed to conform with those contained in the latest Chapman bill (H. R. 7913).

New Definition of Label

New definitions of the terms, "label" and "labeling," are proposed to read as follows:—

The term, "label," means a display of written, printed, or graphic matter upon the immediate container of any article; and a requirement made by or under authority of this act that any word, statement, or other information appear on the label shall not be considered to be complied with unless such word, statement, or other information also appears on the outside container or wrapper, if any there be, of the retail package of such articles, or is easily legible through the outside container or wrapper. The term, "immediate container," does not include package liners. The term, "labeling," means, with respect to any article, all labels and other written, printed, or graphic matter (1) upon such article or

(Continued on page 32A)

Drug Retail Prices to Be Surveyed by Trade

Representing retailers, wholesalers and manufacturers, a committee, formed to map plans for a survey to determine how retail prices on drugs and cosmetics have been affected by the Feld-Crawford act, New York State's fair trade law, has been announced by Edgar S. Bellis, president of the New York State Pharmaceutical Association.

John F. O'Brien, chairman of the fair trade committee of the association, is chairman of the survey committee. Serving with him are Dr. E. L. Newcomb, executive vice-president of the National Wholesale Druggists' Association; Samuel Fraser, of the Burroughs-Wellcome Company; L. G. Bernstein, of Coty, Inc., and Milton S. Malakoff, director of the New York Pharmaceutical Council.

Mr. O'Brien said he would call the committee together at an early date, to decide the best way to proceed with its investigation. The drug industry was prompted to make its investigation because of charges by speakers at conventions and by stores in advertisements that retail prices, including those in the drug and cosmetic industries, had been increased since the passage of the Feld-Crawford act.

Mr. Malakoff said that 85 companies had already issued contracts under the New York fair trade law, establishing prices on more than 4,000 drug and cosmetic items, and that the trade had established machinery to watch for violations of the law, which so far had been relatively small.

Wage-Hour Bill Outlook Doubtful

A.F.L. Sees Conflict With Union Bargaining—Controversial Provisions Added

WASHINGTON, July 29, 1937.

Prospects for early enactment of a relatively moderate wage and hour bill appeared dim today as the senate continued prolonged debate on the measure and the house labor committee continued to approve amendments which are certain to provoke much controversy.

In the senate the bill was made the sounding board for discussion of the national labor relations act and various aspects of labor and economic problems, and prospects of a final vote were complicated late today by a charge that the American Federation of Labor opposed the bill on the grounds that it might undermine the bargaining power and strength of unions. At the same time a group of house members began a movement to block adjournment of Congress before passage of the wage-hour bill.

The house labor committee claimed to be nearing a report on the measure after tentatively adopting a number of highly controversial provisions. One of these might virtually embargo imports by attempting to impose similar wage and hour restrictions on foreign merchandise as the bill would place on domestic goods moved in interstate commerce. Another amendment would give the labor standards board power to require working hours as few as thirty-five as a maximum week and to fix minimum wages as high as 70 cents an hour; whereas, the senate bill fixes forty hours and 40 cents as the outside limits of the board's authority.

Stationery Wholesalers Ask F.T.C. Trade Parley

H. C. Whittemore, general manager of the Wholesale Stationers' Association of the U. S. A., acting under resolution of the board of control of the organization, has requested the Federal Trade Commission to sponsor a trade practice conference for the trade at which it is proposed to consider and adopt trade practice rules.

The association's membership, made up of 97 firms, approximate 40 percent of the wholesale stationers of the country, with an annual sales volume approaching $40,000,000, or about 75 percent of the total sales volume for the country. The trade includes such commodities as paper products, blank books, school supplies, office supplies, pencils, inks and adhesives, and a large number of similar or allied products. The application for the conference covers only the wholesale distributing branch of the industry.

Perfume Show Opens Sept. 20

The annual Perfume, Cosmetic and Accessories Exhibition, under the auspices of the Perfume and Cosmetic Buyers Conference, Inc., will be held September 20 to 23 in the grand ballroom at the Commodore hotel, this city.

Tydings Fair Trade Rider Retained in D.C. Tax Bill

Conferees Accept Fair Trade Enabling Bill in Principle—Reports Differ on Attitude of President—Treasury Objects

WASHINGTON, July 30, 1937.

The Tydings-Miller resale price-maintenance bill moved a step nearer enactment Thursday during a day of conflicting reports and behind-scenes activity which left some doubt as to its final approval.

Conferees on the District of Columbia tax bill late Thursday reached an agreement which included retention of the bill as a rider which had been voted by the senate on motion of Senator Tydings. This action was preceded by twenty-four hours of rumors and conferences.

According to an unconfirmed but apparently authentic report, one of the White House secretaries sent a memorandum late Wednesday to the chairman of the house conferees on the District bill expressing opposition to retention of the Tydings rider. It is understood that the White House asked that a bill of this importance be considered as a separate measure and not attached to a measure to which it has no relation.

House and senate leaders met with President Roosevelt Wednesday night to discuss adjournment and the general legislative session, and it is understood that the President suggested that further conferences be held with department officials before Congress took action on the Tydings bill.

Treasury Department Objects

Wednesday evening an official of the Treasury Department stated to the press that the department still stands on its objections to the Tydings bill referred to in the memorandum of the Federal Trade Commission which accompanied President Roosevelt's letter on the subject sent to Congress in April.

After having issued a statement for Thursday morning papers, Representative Emanuel Celler of New York went to the White House that forenoon and on leaving reiterated his declaration that there was no ground for believing that the President has changed his view on the Tydings bill or withdrawn his opposition to it.

At noon Speaker Bankhead said in answer to a question that he did not know what would happen to the Tydings-Miller bill, but that he felt sure it would be settled before adjournment.

Thursday afternoon Attorney-General Cummings held a conference on the Tydings bill, which was said to have been attended by representatives from the treasury, labor and agriculture departments, but nothing could be learned immediately as to the nature or accomplishments of this meeting.

Conferees Agree in Principle

The District bill conferees reached an agreement in principle late Thursday and agreed to meet again Friday to draft the text of a conference report.

(Continued on page 32)

Chemical Workers Off, Payrolls Up

June Employment Is 12 Percent And Wages 30 Percent Above 1936

Employment in factories engaged in the manufacture of chemicals and related products in the United States showed a slight decrease from May 15 to June 15, a decline of 0.3 percent being reported by the Bureau of Labor Statistics. At the end of the monthly period employment stood 12 percent above the corresponding level for June, 1936. Payroll totals recorded a gain of 0.5 percent in the monthly period and stood 30 percent above the corresponding level for June, 1936.

The Bureau of Labor Statistics' index number for factory employment in the chemical group of industries, June 15, 1937, was 124.1 (100=1923-25), average), compared with 124.5 for May and 110.3 for June, 1936. The bureau's index number (same basis) for payroll totals was 137.4 at June 15, 1937, compared with 136.7 for May, and 105.4 for June, 1936.

The bureau's general index numbers for all manufacturing industries, June 15, 1937, show the folowing comparisons:—

	June 1937.	May 1937.	June 1936.
Employment	101.2	102.3	90.1
Payrolls	102.8	105.2	81.1

Employment in the chemical group of industries, June 15, 1937, was 22 per-

(Continued on page 32)

Trade Agreement Misuse Is Charged by F. T. C.

WASHINGTON, July 27, 1937.

The first formal complaint against misuse of a trade practice conference agreement was issued by the Federal Trade Commission today against Covered Button & Buckle Creators, Inc., and 150 members of that trade association, said to manufacture and sell upwards of 90 percent of all the covered buttons, buckles and novelties produced in the United States.

The complaint charges that the respondents falsely represented, in advertisements and letters, that the commission had sanctioned their uniform price and discount policy in approving trade practice rules for the industry on April 9, 1937. It is charged that the trade association issued general warnings to the trade that prices for its products would be regulated and a uniform policy of dealing with customers would be adhered to, that the producers are protected in their rights by the trade practice rules approved by the commission and the Robinson-Patman Act, and that it is the purpose of the organization to prosecute all infractions to the limit. The complaint charges that the alleged price fixing agreement was entered into without the knowledge of the commission and in violation of the trade practice agreement.

The complaint charges that the respondents falsely represented and implied that the commission has approved fair trade practice rules which (1) regulate prices for the products of the industry or authorize the fixing of such

(Continued on page 32)

Dyeing Operators Adopt Fair Trade Practice Code

Representatives of Five Leading Areas Appear Before F.T.C. Agents

Representatives of more than seventy-five companies in the silk and rayon dyeing, finishing, and printing industry, from New Jersey, New York, Pennsylvania, New England, and Virginia, gave approval to a code of fair trade and practice rules intended for adoption by the Federal Trade Commission, at a hearing before agents of the commission in Paterson, N. J., July 27.

The rules list among unfair practices:—The false or deceptive branding of products to mislead or deceive purchasers, the use of deceptive sales methods and credit terms, the publication of false advertising, defamation of competitors or the disparagement of their products, the giving of bonuses, premiums, or similar inducements to obtain sales, the practice of selling below cost to injure a competitor, the publication of misleading price quotations, securing information from competitors by false impersonation, use of coercion to gain business, and the imitation or simulation of trade marks. Discriminatory differentials, rebates, refunds, discounts, credits and other allowances are banned.

Although all sections of the industry did not have delegates present, it is

(Continued on page 36)

3 NEW ALUMINUM STEARATES BY MALLINCKRODT

DEFINITE CHEMICAL COMPOUNDS
MANUFACTURED TO EXACTING CHEMICAL STANDARDS
Give Them a Thorough Trial in Your Plant (Special Offer Below)

1. *Aluminum Stearate Technical M* (mono-acid)—Produces soft greases. Small quantities produce a definite flatting effect in varnishes, with less tendency to jell formation.

2. *Aluminum Stearate Technical D* (di-acid)—This is the standard industrial grade most widely used for paints, varnishes, lubricants, and waterproofing materials. Stearate investigations logically start with this grade. M and T grades may be added as modifying agents. A small quantity of the M grade will tend to make greases harder, while the T grade will reduce the tendency to graininess, brittleness, and bleeding in greases and oils.

3. *Aluminum Stearate Technical T* (tri-acid)—With most oils and solvents this grade can be dispersed in higher concentrations than either the D or M grades and will cause less jelling in certain formulas. It is recommended as a flatting agent and for certain types of waterproofing material.

TWO OTHER ALUMINUM STEARATES

Aluminum Stearate Technical Fluffy is chemically similar to the D grade, but slightly finer and bulkier.

Flatting Agent No. 22 will cause less jelling in certain varnishes than the other grades.

Mallinckrodt Aluminum Stearates are Made to Specifications for the Paint, Varnish, Lubricant, Waterproofing, and Similar Industries.

OTHER MALLINCKRODT STEARATES FOR INDUSTRIAL USE:

Calcium Stearates
Technical
Impalpably Powdered

Zinc Stearates
U. S. P. XI
U. S. P. XI S

Magnesium Stearate
Impalpably Powdered

The ACID BASE RATIO IS EASILY ADJUSTED . . .

Years of research have shown the importance of correct Aluminum Stearate acid-base ratio for the processing of oils and solvents. These three new grades of Mallinckrodt Aluminum Stearate can be mixed to give you any desired ratio. They are manufactured especially for the paint, varnish, lubricant, waterproofing, and similar industries. You can cut production time and effect valuable plant economies by *standardizing* your formulas with these *standardized* Stearates.

The three new grades of Aluminum Stearate are not trademarked or patented mixtures, but definite chemical compounds of highest quality manufactured to exacting chemical standards. Every lot sold must pass the same tests. You are thus assured uniform results in your Stearate processes.

Make a Test Run in Your Plant at Slight Cost
Send the Coupon Below to Get a Trial Quantity

Test the behavior of these new Aluminum Stearates in your experimental laboratory with your own formulas and raw materials. 5 pounds of each of the three grades (M, D, and T) will be sent you prepaid for $3.50. Take advantage of this generous trial offer without delay. Send us the coupon below and see how easily and accurately the acid-base ratio can be adjusted to your varying requirements.

LET THIS COUPON BE YOUR ORDER

SPECIAL OFFER! 5 Pounds of Each Grade (M, D, and T) [redacted] for $3.50

Mallinckrodt
CHEMICAL WORKS

ST. LOUIS CHICAGO NEW YORK PHILADELPHIA MONTREAL TORONTO

MALLINCKRODT CHEMICAL WORKS

2nd & Mallinckrodt Streets, St. Louis, Missouri (*Address Nearest Office*) **72 Gold Street, New York City**

Send me prepaid the trial quantities of the new standardized Aluminum Stearates (5 pounds of each of the three grades—M, D and T)

Name.....

Street.....

City.....State.....OP-

Current Market Quotations

All matter under this heading fully protected by copyright

When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

RECEIVED AUG 2 1937 LIBRARY THE CHEMISTS CLUB

A

Acacia (see Gum, Arabic)
Acetal, dms., works....lb. .75 - 1.00
Acetaldehyde, dms., c.l., works.lb. .14 - —
l.c.l., works....lb. .16 - —
Acetamide, CP, bots., kegs, c.l., works..lb. .35 - —
l.c.l., 1,000 lbs., works...lb. .43 - —
smaller lots, works....lb. .48 - 1.00
tech., kegs, c.l., works....lb. .32 - —
l.c.l., 1,000 lbs., works...lb. .38 - —
smaller lots, works....lb. .43 - .75
Acetanilide, tech., 95%, bbls..lb. .24 Nom.
USP, bbls., 1,000 lbs....lb. .25 - —
smaller lots....lb. .26 - —
kegs, 1,000 lbs....lb. .26 - —
smaller lots....lb. .27 - —
Acetin, tech., dms....lb. .33 - —
Acetoacetanilide, dms....lb. .65 - .70
Acetone, CP, dms., c.l., dlvd..lb. .06 - —
l.c.l., dlvd....lb. .06½- —
tanks, dlvd....lb. .05 - —
Methyl (see M)
Acetophenone, bots....lb. 1.30 - 1.45
cns., 25 lbs....lb. 1.15 - 1.25
dms., 100 lbs....lb. 1.05 - —
Acetphenetidin, bbls., kegs, 1,000 lbs..lb. 1.30 - —
single pkg....lb. 1.35 - —
smaller pkgs....lb. 1.32 - 1.40
Acid, abietic, bbls., c.l.....lb. .09¾- —
l.c.l. .....lb. .10 - —
Acetic, coml. or redist., 28%, bbls..100 lbs. 2.53 - 2.78
cbys. .....100 lbs. 3.03 - 3.28
56%, bbls....100 lbs. 4.75 - 5.00
cbys. .....100 lbs. 5.25 - 5.50
70%, bbls....100 lbs. 5.92 - 6.17
cbys. .....100 lbs. 6.40 - 6.65
80%, bbls....100 lbs. 6.74 - 6.99
cbys. .....100 lbs. 7.24 - 7.49
glacial, nat., CP., cbys.100 lbs.14.00 - —
99.5%, nat., bbls., c.l., 100 lbs. 8.70 - 8.95
cbys. .....100 lbs. 9.20 - 9.45
syn., al. dms., c.l.100 lbs. 8.70 - 8.95
cbys. .....100 lbs. 9.20 - 9.45
USP, reagent, 99.8%, al. dms..100 lbs.10.75 -11.00
cbys. .....100 lbs.13.75 -14.00
pure, 80%, bbls., c.l..100 lbs. 3.60 - 3.85
cbys. .....100 lbs. 4.10 - 4.35
36%, bbls., c.l.....100 lbs. 4.05 - 4.25
cbys. .....100 lbs. 4.55 - 4.80
60%, bbls., c.l.....100 lbs. 6.79 - 7.04
cbys. .....100 lbs. 7.29 - 7.54
80%, bbls., c.l.....100 lbs. 8.53 - 9.08
cbys. .....100 lbs. 9.03 - 9.28

Acetic acid prices above apply delv'd at destination in the following States: Conn., Dela., D. of C., Md., Mass, N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States, except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l..lb. .13 - —
l.c.l., dms., cbys.....lb. .14 - .15
Acetylsalicylic, USP, bbls., 225 lbs..lb. .50 - —
boxes, 25 lbs....lb. .51 - —
kegs, 100 lbs....lb. .50 - —
Anthranilic, refd., bbls.....lb. .85 - .90
tech., bbls....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP., powd., dms., kegs...lb. .18 - —
Battery, cbys, c.l., E. works 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works, 100 lbs. 1.85 - —
10-24, E. works.....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. or more lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd. ton.105.00 - —
c.l., delvd.....ton.110.00 - —
l.c.l., ex whse.....ton.115.00 -120.00
sks., contracts, 80 tons, delvd..ton. 95.00 - —
c.l., delvd.....ton.100.00 - —
l.c.l., ex whse.....ton.105.00 -110.00
powd., bbls., contracts, 80 tons, delvd..ton.110.00 - —
c.l., delvd.....ton.115.00 - —
l.c.l., ex whse.....ton.120.00 -135.00
sks., contracts, 80 tons, delvd..ton.100.00 - —
c.l., delvd.....ton.105.00 - —
l.c.l., ex whse.....ton.110.00 -125.00

USP, $25 per ton higher.

Broenner's, bbls.....lb. 1.11 - —
Butyric, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis....lb. .23 - —
tanks, same basis....lb. .21 - —
Camphoric, cans....lb. 5.50 - 5.70
Capric, dms....lb. .19½- .20
Caproic, cans....lb. 2.20 - —
Carbolic (see Phenol).
Castor oil, split, dms....lb. .16 - .16½
Chlorosulphonic, dms., c.l., works..lb. .0350- —
5-drum lots, works....lb. .04 - —
single drum....lb. .05 - —
tanks, works....lb. .03 - —
Chromic, 99%, dms., delvd. N.Y., lb. .1475- .1675
Cinnamic, refd., bots....lb. 2.85 - 3.25
Citric, cryst., bbls....lb. .25 - —
kegs....lb. .25½- —
gran., bbls....lb. .25 - —
kegs....lb. .25½- —
powd., bbls....lb. .25½- —
anhyd., gran., dms....lb. .27½- —
powd., dms....lb. .28 - —

Prices on citric acid are f.o.b. N. Y., Chicago and St. Louis deliveries are ½c. higher than N. Y.

Cleve's, bbls....lb. .50 - —
Cottonseed oil, dms....lb. .09½- .10¾
Cresylic, high-boil, dms., c.l., works, frt. equaled..gal. .89 - —
l.c.l., same basis....gal. .91 - —
Acid, cresylic, low-boil, dms., c.l., works, frt. equaled..gal. .92 - —
l.c.l., same basis....gal. .94 - —
imported pale, 97-99, dms..gal. 1.00 Nom.
special resin grade, dms., c.l., works..lb. .10¾- —
l.c.l., same basis....lb. .11¼- —
Crotonic, dms., works....lb. .75 - 1.00
Diethylbarbituric (see Barbital).
Formic, dom., seaboard, 90% cbys., f.o.b. stock points, c.l. .....lb. .11 - —
l.c.l., 25 and over....lb. .1150- —
1-24 .....lb. .12 - —
inland territory, cbys., c.l.lb. .1185- —
l.c.l., 25 and over....lb. .1235- —
1-24 .....lb. .1285- —
southern territory, cbys., c.l. lb. .1220- .1290
l.c.l., 25 and over....lb. .1270- .1340
1-24 .....lb. .1320- .1390
Fumaric, bbls....lb. .60 - —
Furoic, tech., fib. ctns., 100 lbs., works..lb. .35 - —
smaller lots, works....lb. .45 - —
Gallic, tech., bbls....lb. .65 - .68
N.F., VI, bbls....lb. .77 - .80
Gamma, bbls....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls....lb. .50 - .55
Hempseed oil, dms....lb. .1180- .1225
Hydriodic, 47%, bots....lb. 2.20 - 2.25
57%, bots....lb. 2.65 - 2.70
Hydrobromic, 10% dilut., USP, lb. .20 - .21
pure, 34% conct, cbys....lb. .42 - .44
Hydrochloric (see Muriatic).
Hydrocyanic, cyls, works...lb. .80 - 1.00
Hydrofluoric, 30%, bbls.....lb. .07 - .0750
lead, cbys....lb. .09 - .0950
48%, lead cbys....lb. .1150- .12
52%, lead cbys....lb. .1250- .13
60%, lead cbys....lb. .15 - .1550
Hydrofluosilicic, 30-35%, bbls.lb. .10½- .15
Hypophosphorus, USP, 30%, djns..lb. .75 - —
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works....100 lbs. 3.75 - —
44%, bbls., c.l., works. 100 lbs. 5.50 - —
l.c.l., bbls., works..100 lbs. 5.75 - —
cbys., works....100 lbs. 6.75 - —
light, 22%, bbls., c.l., works. 100 lbs. 3.50 - —
l.c.l., bbls., works..100 lbs. 3.75 - —
cbys., works....100 lbs. 4.75 - —
44%, bbls., c.l., works. 100 lbs. 6.50 - —
l.c.l., bbls., works..100 lbs. 6.75 - —
cbys., works....100 lbs. 7.75 - —
50%, edible, 20 and over, bbls., cbys..lb. .10½- .11½
plastic grade.....lb. .12¼- .13¼
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade.....lb. .12¾- .13¾
1 to 4, edible, bbls., cbys., lb. .11½- .12½
plastic grade.....lb. .13¼- .14¼
80%, 5 and over, bbls., cbys..lb. .21 - .22
1 to 4 bbls., cbys.....lb. .21½- .22½
USP, X, 85%, cbys.....lb. .42 - .45
USP, VIII, 75%, cbys.....lb. .40 - .43
Laurent's, bbls....lb. .45 - —
Linseed oil, dark or light, dms..lb. .1310- .1350
tanks....lb. .1250- —
extra white, dms....lb. .1125- .1175
split, dms....lb. .0950- .1060
Maleic powd., dms....lb. .30 - .40
anhydride, dms....lb. .33 - .43
Malic powd., kegs....lb. .45 - .60
Mandelic, bots....lb. 3.75 - —
fib. dms....lb. 2.40 - 2.50
Mixed, tanks, nitric unit....lb. .06½- .07½
sulphuric unit....lb. .0085- .009
Monochloroacetic, tech., bbls.lb. .16 - .17
99%, bbls....lb. .18 - .19
Monosulphonic, bbls....lb. 1.50 - 1.60
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works, 100 lbs. 1.75 - —
l.c.l., 25 and over, works, 100 lbs. 2.00 - —
10 to 24, works..100 lbs. 2.10 - —
1 to 9, works..100 lbs. 2.70 - —
tanks, works.....100 lbs. 1.15 - —
22°, cbys., c.l., E. works, 100 lbs. 2.25 - —
l.c.l., 25 and over, works, 100 lbs. 2.50 - —
10 to 24, works..100 lbs. 2.60 - —
1 to 9, works..100 lbs. 3.20 - —
tanks, works.....100 lbs. 1.65 - —
C.P., U.S.P., dealers, cbys.lb. .06½- —
6-lb. bots....lb. .18½- —
consumers, cbys....lb. .08 - —
6-lb. bots....lb. .20 - —
Myristic, dms....lb. .14¼- .15
white, redist., dms....lb. .15¾- .16½
Naphthenic, S.V. 120-200, dms., lb. .07 Nom.
210-230, dms....lb. .09 Nom.
240-280, dms....lb. .10 Nom.
sludges, dms....lb. .05 Nom.
Nevile & Winther's, bbls....lb. .85 - .87
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.35 - —
1 to 9, works..100 lbs. 5.95 - —
38°, cbys., c.l., E. works, 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.85 - —
1 to 9, works..100 lbs. 6.45 - —
40°, cbys., c.l., E. works, 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works 100 lbs. 6.25 -
10 to 24, works..100 lbs. 6.35 - —
1 to 9, works..100 lbs. 6.95 - —
42°, cbys., c.l., E. works, 100 lbs. 6.50 - —
Acid, nitric, 42°, cbys., l.c.l., 25 and over works..100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.85 - —
1 to 9, works..100 lbs. 7.45 - —
C.P., U.S.P., dealers, cbys... lb. .11½- —
7-lb. bots....lb. .22½- —
consumers, cbys....lb. .13 - —
7-lb. bots....lb. .24 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works, lb. .10¾- —
10,000 lbs., and over....lb. .11 - —
smaller quantities....lb. .12 - .14
Palm oil, dms....lb. .08¾- .09½
Phenylacetic, bots....lb. 2.00 - 3.25
Phosphoric, tech., 50%, cbys.lb. .06 - —
75%, cbys. .....lb. .09 - —
USP, 85%, s. g. 1.710, cbys, 70 lbs..lb. .12 - —
djns., 25 lbs. .....lb. .15 - —
50% s.g., 1347, cbys., 70 lbs., lb. .12 - —
djns., 25 lbs.....lb. .15 - —
10%, dilut., cbys., djns..lb. .07 - .07½
Picramic, kgs....lb. .65 - .70
Picric, bbls. .....lb. .35 - —
Propionic ref., cbys., works.lb. .25 Nom.
dms., works .....lb. .22 Nom.
tech., cbys., works.....lb. .20 Nom.
dms., works .....lb. .16 Nom.
Pyrogallic, tech., lump, powd., bbls..lb. .90 - —
cns .....lb. .95 - —
USP, cryst., cns.....lb. 1.55 - 1.60
resubl., cns. .....lb. 1.90 - 2.00
Pyroligneous, bbls., dlvd. E. gal. .25 - —
Ricinoleic, dms .....lb. .38 - —
Salicylic, tech., bbls.....lb. .33 - —
USP, bbls. .....lb. .40 - .45
Sebacic, C.P., bbls., works..lb. .58 - —
tech., bbls., works.....lb. .37 - .41
Soybean oil, dist, dms.....lb. .10½- .11½
Stearic, distil., double pressed, bgs., dlvd..lb. .12½- .13½
single pressed, bgs., dlvd.lb. .12 - .13
triple pressed, bgs., dlvd.lb. .15¼- .16¼
saponif., double pressed bgs., dlvd..lb. .12¾- .13¾
triple pressed, bgs., dlvd..lb. .15½- .16½
Succinic, bbls. .....lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.68
tech., dms., works.....lb. .17 - —
Sulphonaphthenic, dms.....lb. .04 @ .10
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 and over, works, 100 lbs. 1.50 - —
10 to 24, works..100 lbs. 1.60 - —
1 to 9, works..100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works, 100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, E. works.....ton.16.50 - —
98%, tanks, works.....ton.17.50 - —
C.P., U.S.P., dealers, cbys.. lb. .06½- —
9-lb. bots....lb. .16½- —
consumers, cbys....lb. .08 - —
9-lb. bots....lb. .18 - —
fuming, 20%, tanks, E. works, ton.18.50 - —
65%, tanks, E. works....ton.36.00 - —
Tannic, tech., bbls.....lb. .26 - .33
USP, fluffy, bbls., 1,000 lbs. lb. .78 - —
smaller lots....lb. .80 - —
powd., bbls., 1,000 lbs.....lb. .68 - —
smaller lots....lb. .70 - —
Tartaric USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment..lb. .24¾- —
smaller quantities ....lb. .25¾- —
kgs. .....lb. .25¾- —
Tobias, bbls. .....lb. .65 - —
Trichloroacetic, bots. .....lb. 2.00 - 2.50
Tungstic, CP, kgs.....lb. No prices
tech., kgs. .....lb. No prices
Aconite leaves, bls.....lb. .32 - .33
Root, bls.....lb. .30 - .32
Aconitine, amorph., bots.....oz.17.00 -18.00
vls. .....gr. .06 - .09
cryst., bots.....oz.30.00 - —
vls. .....gr. .09 - .11
Adeps, lanae, anhyd., dms....lb. .17½- .19
hyd., dms.....lb. .16 - .18
Agar, 1, bls.....lb. 1.15 - 1.20
2, bls.....lb. 1.05 Nom.
3, bls.....lb. .85 - .90
Agaric, white, bls.....lb. 3.00 - 3.25
Albumen, blood, dark, flake, bgs., c.l., Chicago..lb. .11 - —
l.c.l., bgs., Chicago.....lb. .13 - .15
pow'd, grade A, Chicago, ton lots..lb. .15 - —
smaller lots, Chicago....lb. .18 - —
light, dom., flake, dms., Chicago..lb. .52 - .60
import, bgs.....lb. .50 - —
Egg, ed., dom., bbls.....lb. 1.05 - —
import, cs.....lb. .73 Nom.
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld..lb. .133 - —
l.c.l., frt. alld.....lb. .143 - —
tanks, frt. alld.....lb. .123 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .09½- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08½- —
Benzyl, cans.....lb. .70 - —
drums .....lb. .63 - —
Butyl, normal, dms., c.l., frt. alld..lb. .10 - —
l.c.l., frt. alld.....lb. .10½- —
tanks, frt. alld.....lb. .09 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .08 - —
l.c.l., same terms.....lb. .08½- —
tanks, same terms.....lb. .07 - —
tertiary, denating, dms., frt. alld..lb. .14 - —
Capryl, pure, dms., works...lb. 2.50 - —
tech., dms., works.....lb. .85 - —
Cetyl, dom., C.P., fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs. .....lb. 1.70 - —
100 lbs. .....lb. 1.80 - —
25 lbs. .....lb. 1.90 - —
5 lbs. .....lb. 2.00 - —
coml., dms.....lb. .95 - —
Import, 85%, dms.....100 lbs. .55 - —
6 to 10 lbs.....lb. .75 - —
coml., dms., 350 lbs.....lb. .45 - —

Acacia—Alumina Acetate

Alcohol cinnamic, bots.....lb. 2.50 - 3.50
Denatured, CD11, 12, 13, dms., c.l., works, E. frt. equal.gal. .35 - —
20 dms., East.....gal. .37 - —
1-19 dms., East.....gal. .40 - —
tanks, East.....gal. .29 - —

Prices for territories other than E. of Rockies, 3c. per gal. higher. Tankcar sales require written authorization by Alcohol Tax Unit

SD1, 190 pf., bbls., c.l., E. works..gal. .34 - —
19 bbls., E. works...gal. .36 - —
1 to 18 bbls., E. works, gal. .39 - —
dms., c.l., E. works....gal. .36 - —
19 dms., E. works...gal. .35 - —
1 to 18 dms., E. works, gal. .38 - —
tanks, E. works.....gal. .27 - —

Anhydrous, 5c. per gal. higher.

S.D., 23-g, works, E., dms., c.l., gal. .37½- —
19 dms.....gal .39½- —
1 to 18 dms.....gal. .42½- —
tanks .....gal. .31½- —

Prices for territories other than E. of Rockies, 3c. per gal. higher.

Special solvent, dms., c.l., E. works..gal. .34 - —
20 dms., E. works...gal. .36 - —
1 to 19 dms., E. works, gal. .39 - —
tanks, E. works.....gal. .28 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, pure, contract, dms., c.l., frt. alld..lb. .13½- —
l.c.l., frt. alld.....lb. .14 - —
tech., contract, dms., c.l., frt. alld..lb. .12½- —
l.c.l., frt. alld.....lb. .13 - —
Ethyl, 190 pf., ex molasses, bbls. c.l—gal. 4.13 - —
19 bbls.....gal. 4.15 - —
1 to 18 bbls.....gal. 4.18 - —
dms., c.l.....gal. 4.12 - —
19 dms.....gal. 4.14 - —
1 to 18 dms.....gal. 4.17 - —
tanks .....gal. 4.06 - —
absolute, dms., c.l.....gal. 4.42 - —
19 dms.....gal. 4.44 - —
1 to 18 dms.....gal. 4.47 - —

Grain alcohol 45c. per gal. higher.

Furfuryl, tech., cns., works..lb. .45 - —
dms., c.l., 33,000 lbs., works, lb. .30 - —
l.c.l., 500 lbs. and more, works..lb. .35 - —
Hexyl, secondary, dms., c.l., frt. pd. E. of Rocky Mts.lb. .10 - —
l.c.l., same terms.....lb. .13½- —
tanks, same terms.....lb. .12 - —
Isoamyl, primary, dms., l.c.l., dlvd. .....lb. .27 - —
cans, works .....lb. .32 - —
Isobutyl, refd., dms., c.l., works, frt. alld. E. of Rockies.lb. .09¼- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .06½- —
Isopropyl, denat., grd., dms., c.l., frt., alld..gal. .32 - —
l.c.l., frt., alld.....gal. .33 - —
refd, 91% dms., c.l., f.o.b. dest. .....gal. .39½- —
l.c.l., same terms....gal. .44½- —
tanks, same terms....gal. .34½- —
98%, dms., c.l., same terms, gal. .44½- —
l.c.l., same terms....gal. .49½- —
tanks, same terms....gal. .39½- —
tech., 91%, dms., c.l., same terms..gal. .35 - —
l.c.l., same terms....gal. .40 - —
tanks, same terms....gal. .30 - —
98%, dms., c.l., same terms, gal. .39½- —
l.c.l., same terms....gal. .44½- —
tanks, same terms....gal. .34½- —
Methyl (see Methanol)
Phenylethyl, bots., cns.....lb. 2.50 - 2.75
Propyl (see Isopropyl)
Aldehol, denat. grade, dms., tanks, works..gal. .70 - .80
Aldol, 95%, dms., c.l., works..lb. .21 - —
l.c.l., works.....lb. .25 - —
Aletris root, bgs.....lb. .38 - .45
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .10 - .11
Aloe, Barbados, true, cs.....lb. .85 - .90
Cape, cs.....lb. .18 - .19
Curacao, cs.....lb. .24 - .25
gourds, bbls.....lb. .50 - .51
Socotrine, kgs.....lb. .32 - .33
Aloin, 140 lb. bbls.....lb. 1.80 - —
25 lb. kgs .....lb. 1.82 - —
100 lb. fib., dms.....lb. 1.80 - —
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, cube cut, bls.....lb. .26 - .27
Alum, ammonia, burnt, USP, bbls. kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 3.00 - 3.25
dlvd. N.Y., Phila...100 lbs. 3.15 - —
lump, bbls., works....100 lbs. 3.25 - 3.50
dlvd. N.Y., Phila...100 lbs. 3.40 - —
powd., bbls., works....100 lbs. 3.40 - 3.65
dlvd. N.Y., Phila...100 lbs. 3.55 - —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N.Y. prices apply to truck or ex warehouse.

Potash, gran., bbls., works, 100 lbs. 3.25 - 3.50
dlvd. N.Y., Phila...100 lbs. 3.40 - —
lump, bbls., works....100 lbs. 3.50 - 3.75
dlvd. N.Y., Phila...100 lbs. 3.65 - —
powd., bbls., works...100 lbs. 3.65 - 3.90
dlvd. N.Y., Phila...100 lbs. 3.80 - —

Potash alum prices on same basis as those for ammonia alum.

Potash-chrome, bbls.....lb. .06½- .06¾
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina acetate, CP, 20% solut., bbls..lb. .09 - .10

Alumina Chlor.—Black, Carbon

Alumina chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works.....lb. .06 - —
12,000 to 40,000 lbs., works..lb. .06 - —
1,100 to 11,000 lbs., works..lb. .07 - —
140 to 875 lbs., works.lb. .08 - —
100 lbs., or less, works.lb. .09 - —
cryst., com'l, dms., c.l., works..lb. .06 - —
l.c.l., dms., works.....lb. .06¼- —
solution, 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., cbys., works.....lb. .03¼- —
Hydrate, heavy, bbls., c.l., works..lb. .0290- —
less car lots, works....lb. .03½- —
light, bbls., dlvd.....lb. .13 - —
Oleate, dms., contr.....lb. .16¾- —
open order.....lb. .17½- .18½
Palmitate, precip., bbls.....lb. .23 - —
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., ton.....lb. .20 - —
less than ton.....lb. .21 - —
Sulphate, com'l bgs., c.l., works, frt. equaled..100 lbs. 1.35 - —
l.c.l., works, frt. equald.. 100 lbs. 1.60 - —
bbls., c.l., works, frt. equald. 100 lbs. 1.55 - —
l.c.l., works, frt. equald. 100 lbs. 1.80 - —
iron-free, bgs., c.l., works, 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.25 - 2.40
truckloads, bgs.....100 lbs. 2.40 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.55 - —
5 to 9, dlvd. met. N.Y. 100 lbs. 2.80 - —
1 to 4, dlvd. met. N. Y. 100 lbs. 3.30 - —
bbls., c.l., works.....100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.45 - —
truckloads, dlvd., met. N.Y. 100 lbs. 2.60 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.75 - —
5 to 9, dlvd., met. N.Y. 100 lbs. 3.00 - —
1 to 4, dlvd. met. N.Y. 100 lbs. 3.50 - —
Aluminum, 98-99%, dms., c.l...lb. .20 - —
l.c.l. .....lb. .21 - —
paste, extra fine lining, dms., 30,000 lbs., frt. alld. E. of Miss..lb. .63½- —
5,000 lbs., same basis..lb. .64½- —
2,000 lbs., single shipt., same basis..lb. .65 - —
On 2,000-lb. orders in split shipment the price is ½c. higher in lots of 400 lbs. and more; 1c. higher in lots of 200-399 lbs.; 3c. higher in lots of 10-190 lbs.; on smaller orders the price is higher than the 2,000-lb. basis by 1c. in lots of 1,000 lbs. and more; 2c. on 400-999 lbs.; 5c. on 200-399 lbs.; 10c. on 10-199 lbs.
ink, dms., 30,000 lbs., same basis..lb. .73½- —
5,000 lbs., same basis..lb. .74½- —
2,000 lbs., single shipt., same basis..lb. .75 - —
split shipts. (see note fine lining paste).
standard, dms., 30,000 lbs., same basis..lb. .41½- —
5,000 lbs., same basis..lb. .42½- —
2,000 lbs., single shipt., same basis..lb. .43 - —
split shipts. (see note fine lining paste).
powder, lining, extra fine, dms., 30,000 lbs., same basis..lb. .90½- —
5,000 lbs., same basis..lb. .91 - —
2,000 lbs., single shipt., same basis..lb. .92 - —
split shipts. (see note fine lining paste).
standard, dms., 30,000 lbs., same basis..lb. .55½- —
5,000 lbs., same basis..lb. .56½- —
2,000 lbs., single shipt., same basis..lb. .57 - —
split shipts. (see note fine lining paste).
litho, extra brilliant, dms., 30,000 lbs., same basis, lb. .41½- —
5,000 lbs., same basis.lb. .42½- —
2,000 lbs., single shipt., same basis..lb. .43 - —
split shipts. (see note fine lining paste).
extra fine, dms., 30,000 lbs., same basis..lb. .45½- —
5,000 lbs., same basis..lb. .46½- —
2,000 lbs., single shipt., same basis..lb. .47 - —
split shipts. (see note fine lining paste).
standard dms., 30,000 lbs., same basis..lb. .40½- —
5,000 lbs., same basis..lb. .41½- —
2,000 lbs., single shipt., same basis..lb. .42 - —
split shipts. (see note fine lining paste).
wallpaper, dms., 30,000 lbs., same basis..lb. .41½- —
5,000 lbs., same basis..lb. .42½- —
2,000 lbs., single shipt., same basis..lb. .43 - —
split shipts. (see note fine lining paste)
rubber comp., dms., 30,000 lbs., same basis..lb. .38½- —
5,000 lbs., same basis..lb. .39½- —
2,000 lbs., single shipt., same basis..lb. .40 - —
split shipts (see note fine lining paste)
unpolished, dms., 30,000 lbs., same basis..lb. .35½- —
5,000 lbs., same basis..lb. .36½- —
2,000 lbs., single shipt., same basis..lb. .37 - —
split shipts. (see note fine lining paste)
varnish, extra brilliant, dms., 30,000 lbs., same basis..lb. .41½- —
5,000 lbs., same basis.lb. .42½- —
2,000 lbs., single shipt., same basis..lb. .43 - —
split shipts. (see note fine lining paste)
extra fine, dms., 30,000 lbs., same basis..lb. .45½- —
5,000 lbs., same basis.lb. .46½- —
2,000 lbs., single shipt., same basis..lb. .47 - —
split shipt (see note fine lining paste)

Aluminum, powd., varnish; standard, dms., 30,000 lbs., same basis..lb. .40½- —
5,000 lbs., same basis..lb. .41½- —
2,000 lbs., single shipt., same basis..lb. .42 - —
split shipts. (see note fine lining paste)
Ambergris, gray, tins.....oz. 17.00 -35.00
Amidopyrene, fib., dms., 100 lbs., lb. 4.00 - —
bots., 5 lbs. .....lb. 4.22 - 4.25
Ammonia, acetate, kgs.....lb. .26 - .33
Aldehyde, dms. .....lb. .65 - .70
Anhydrous, fertilizer, com'l, tanks (50,000 lbs.), works..lb. .04½- —
refrigeration, tanks, works..lb. .05 - —
pure, cyls., dlvd., met. N.Y., lb. .16 - .22
Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.
Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l.....lb. .02¼- —
l.c.l. .....lb. .02½- —
tanks (on NH_3 content), dlvd., E..lb. .05 - .05¼
Benzoate, dms., 4,000 lbs. or more..lb. .41 - .42
1,000 lbs. to 3,900 lbs....lb. .42 - .43
900 lbs. or less.....lb. .45 - .46
kgs., 4,000 lbs. or more...lb. .40 - —
1,000 lbs., to 3,900 lbs...lb. .41 - —
900 lbs. or less.....lb. .44 - —
Bicarbonate, bbls., c.l., works, 100 lbs. 5.15 - —
l.c.l., dlvd., N. Y....100 lbs. 5.71 - —
Bichromate, bbls.....lb. .32 - —
Bifluoride, bbls.....lb. .16 - .18
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - —
bxs. .....lb. .38 - .39
kgs. .....lb. .36 - —
Carbonate, tech., dom., bbls..lb. .08 - .12½
imported, csks. .....lb. .08 - .12½
USP, lump, dms.....lb. .08 - .11
powd., bbls., dms.....lb. .09 - —
Chloride, tech. (see Ammoniac, sal)
USP, gran., bbls.....lb. .11 - .16
kgs. .....lb. .15 - —
Citrate, dms.....lb. .30 - —
cns. .....lb. .35 - —
Fluoride, bbls.....lb. .17 - .19
Hydroxide (see Ammonia, aqua).
Hypophosphite, fib., dms....lb. 1.10 - 1.17
jars .....lb. 1.20 - —
Iodide, 5-lb. bots.....lb. 3.32 - —
jars .....lb. 3.25 - —
Laurate, bbls.....lb. .22 - —
Linoleate, 80%, anhyd., bbls.lb. .15 - —
Naphthenate, bbls.....lb. .17 - —
Nitrate, tech., bags, c.l., works, 100 lbs. 3.60 - —
bbls., works.....100 lbs. 3.75 - —
l.c.l., bags, works.....100 lbs. 3.85 - —
bbls., works.....100 lbs. 4.00 - —
Oleate, dms.....lb. .15 - —
Oxalate, neutral, cryst., powd., bbls., kgs..lb. .22¼- —
Perchlorate, kgs.....lb. .10 - —
Perchlorate, kgs.....lb. .16 - —
Phosphate, dibasic, N.F.V., bls. lb. .37 - —
kgs. .....lb. .39 - —
tech., bbls., c.l..... .07½- —
l.c.l. .....lb. .09 - .10
monobasic, crude (fertilizer grade), 11% N 48% phos., bulk, f.o.b. E. works, unit- ton. 1.20 & .70
pure, bbls.....lb. .40 - .45
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
Ricinoleate, bbls.....lb. .15 - —
Salicylate, USP, kgs.....lb. 1.15 - 1.20
Sulphate, dom., bulk, c.l., f.o.b. ports or ovens, contr., 11-13 mos. Aug.-Oct., ton..26.50 - —
Nov.-Dec. .....ton.27.00 - —
Jan.-June 1938.....ton.27.50 - —
Ammonia sulphate contracts any 6-10 mos., through June 1938, $1 per ton additional; contracts any 1-5 mos., through June 1938 $2 per ton additional; spot prices $2 per ton additional. Bag packing charged extra at $1.30 per ton for 200's and $2 per ton for 100's. Deliveries in Ill., Mich., Ind., Ohio, Wis. and Ohio river destinations in Ky. are f.o.b. ovens freight allowed.
Sulphide, liquid, 35-40%, basis 100%, dms., works..lb. .12 - .15
tanks, delvd .....lb. .11 - —
Sulphocyanide, com'l, fib., dms., 2,000 lbs., works..lb. .14 - —
smaller lots, works.....lb. .16 - —
pure, 99-100%, kgs.....lb. .55 - —
Ammoniac, gum (see Gum, ammoniac).
Sal, gray, dom., bbls., c.l., 100 lbs. 5.50 - 5.75
l.c.l. .....100 lbs. 6.00 - .0670
white, gran., dom., bbls., contracts, works.100 lbs. 5.00 - 5.05
import, csks .....100 lbs. 5.00 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., works..lb. .11½- —
l.c.l., frt., alld..... lb. .12 - —
tanks, works .....lb. .10¼- —
ex pentane, dms., frt., alld.lb. .125 - —
l.c.l., frt., alld.....lb. .135 - —
tanks, frt., alld.....lb. .115 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .09½- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08½- —
Alcohol (see Alcohol, amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works .....lb. .077 - —
tanks, works.....lb. .06 - —
Nitrite, bots.....lb. 1.80 - 1.85
Mercaptan, dms., l.c.l., works.lb. 1.10 - —
Oleate, dms., l.c.l., works...lb. .25 - —
Salicylate, bots., 5 lbs.....lb. .61 - —
cns., 25 lbs.....lb. .51 - —
Stearate, dms., l.c.l., works.lb. .26 - —
Amylene, dms., c.l., works....lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots.....lb. 1.15 - 1.20
Angelica root, dom., bls.....lb. .23 - .25
import, natural, bls.....lb. .25 - .27
twisted, bls.....lb. .30 - .40
Angostura bark, bls.....lb. .35 - .36
Anilin oil, dms.....lb. .15 - .16
tanks .....lb. .14½- —
Salt, dms., works.....lb. .22 - .24
Anise, Spanish, bgs.....lb. .12 - .13
Star, bgs.....lb. .12 - .12½
Anisic aldehyde, bots.....lb. 3.00 - 3.10
Annatto paste, bxs.....lb. .34 - .39
Seed, bgs.....lb. .07¾- .08½
Anthraquinone, 99.5%, subl., bbls. lb. .65 - —
Antimony, butter (see Antimony chloride)
Chloride, solut., cbys.....lb. .17 - —
Metal, dom.....lb. .15¾- —
Chinese, duty paid.....lb. .15¾- —

Antimony, needle, powd., bbls.lb. .16½- .18½
Oxide, dom., bbls., c.l.....lb. .15½- —
l.c.l. .....lb. .15¾- —
import, bbls. .....lb. .15½- .15¾
Salts, 65%, kgs.....lb. .23¾- .24
White, pigment, bgs., c.l., Texas works, frt. alld. to ½c. lb. lb. .11½- .14¼
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, bots.....oz. 23.20 -23.70
Archil extract, conc., bbls....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .10 - .12
Arecoline hydrobromide, bots., oz. 5.50 - 6.50
Argols, pure, 100%, csks..... 100 kilos. 31.00 - —
Arnica flowers, bls.....lb. .27 - .28
Root, bls.....lb. .35 - .40
Arrowroot, St. Vincent, powd., bgs..lb. .06¾- .08¾
bbls. .....lb. .08½- .09
Arsenic iodide (arsenous), 5 lb. bots..lb. 5.15 - —
jars .....lb. 5.00 - —
Metal, lump, cs.....lb. .42 - .43
Red, import, cs.....lb. .15¾- .16¼
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03 - —
l.c.l. .....lb. .03¾- —
Arsenous chloride, cns.....lb. 4.85 - —
Asafetida, cs.....lb. .19 - .20
powd., bbls., bxs.....lb. .47 - .48
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. inmes..ton.37.50 - —
5R, bgs., c.l. (20 tons), Canad. mines—ton.35.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton.27.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton.23.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton.21.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton.17.00 - —
7K, bgs., c.l. (30 tons), Canad. mines—ton.14.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton.12.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02¼- —
smaller lots, f.o.b. N. Y.lb. .03½- —
AA, bgs., 20 tons, f.o.b. N.Y., lb. .03½- —
smaller lots, f.o.b. N. Y.lb. .10½- —
California, dms., c.l., f.o.b. N.Y. ton.29.00 - —
l.c.l., f.o.b. N. Y.....ton.36.50 - —
Cuban A, bgs., c.l., f.o.b. N. Y. ton.60.00 - —
l.c.l., f.o.b. N. Y.....ton.90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton.35.00 - —
l.c.l., f.o.b. N. Y.....ton.55.00 - —
Egyptian, bgs., c.l., f.o.b. N.Y.lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points, ton.32.90 - —
seconds, bgs., c.l., Western shipt. points .....ton.25.50 - —
selects, bgs., c.l., Western shipt. points..ton.30.50 - —
l.c.l., f.o.b., N. J. or N. Y. whse..ton.40.50 - —
Jet, bgs., c.l., Western shipping points..ton.30.50 - —
Maltha, dms., c.l., f.o.b. N.Y.ton.29.00 - —
l.c.l., f.o.b. N. Y.....ton.36.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton.19.00 - —
l.c.l., refinery.....ton.21.00 - —
tanks, refinery.....ton.16.00 - —
Petroleum cut-back, bbls., l.c.l., E. cst., refinery..gal. .13 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery....ton.12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans refinery....gal. .06 - —
Wyo., refinery.....gal. .07½- —
Atropine, bots.....oz. 5.25 - 5.80
Sulphate, bots.....oz. 2.90 - 3.55
cns. .....oz. 2.85 - —

B

Balm of Gilead buds, bgs.....lb. .38 - .40
Barberry bark, bgs.....lb. .10 - .11
Root bark, bls.....lb. .14 - .15
Barbital, cs.....lb. 3.25 - 3.30
Barium carbonate, natural, 90%, grd., bgs., c.l., works, ton.44.00 - —
99%, 200 mesh, bgs., c.l., works..ton.47.00 - —
precip., bgs., c.l., works..ton.52.50 - —
bbls., works .....ton.57.50 - —
l.c.l., bgs., works.....ton.57.50 - —
sulphur-free bgs., bbls., c.l., works..ton.57.50 -62.50
Chlorate, kgs. .....lb. .16½- .17½
Barium, chloride, C.P., cryst., bbls..lb. .19 - —
dms .....lb. .20 - —
tech., dom., cryst., bgs., c.l., Zone 1, dlvd. New England States, N. Y., N. J., Pa., Md., Dela., Va., West Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Arkansas line.ton.72.00 - —
Zone 1, bbls., same basis, ton.74.90 - —
l.c.l., bgs., same basis, ton.85.00 - —
bbls., same basis..ton.87.00 - —
Zone 2, bgs., c.l., dlvd. Tenn., N.-S. Carolina, Ga., Ala., Miss., Fla..ton.76.00 - —
bbls., same basis..ton.78.00 - —
l.c.l., bgs., same basis, ton.89.00 - —
bbls., same basis..ton.91.00 - —
Zone 3, bgs., c.l., dlvd. Minn., Ia., Mo., Tex., Mont., Wyo., Col., N. Mex., Idaho, Utah, Ariz., ton.82.00 - —
bbls., same basis..ton.84.00 - —
l.c.l., bgs., same basis, ton.95.00 - —
bbls., same basis..ton.97.00 - —
Zone 4, bgs., c.l., dlvd. Wash., Ore., Calif., Nev..ton.78.00 - —
bbls., same basis..ton.80.00 - —
l.c.l., same basis.....ton.91.00 - —
bbls., same basis..ton.93.00 - —
Dioxide, dms.....lb. .11 - .15
Barium fluoride, bbls.....lb. .15 - .16
Fluosilicate, bbls. .....lb. .15 - .16
Hydrate (see Hydroxide).
Hydroxide, bbls. .....lb. .04¾- .05½
Iodide, bots. .....lb. 4.30 - 4.45
Monoxide (see Oxide).
Nitrate, cks.....lb. .07 - .08¼
Oxide, dms. .....lb. .11 - .15
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .00½- .10
kgs. .....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton.23.65 - —
l.c.l., ex whse., Boston, ton.36.00 - —
Chicago .....ton.31.15 - —
Cleveland .....ton.33.50 - —
New York.....ton.32.00 - —
paper bgs., c.l., St. Louis, ton.22.85- —
l.c.l., ex car, Baltimore, ton.30.70 - —
Boston .....ton.31.70 - —
Philadelphia .....ton.30.50 - —
ex whse., Baltimore.ton.32.10 - —
Boston .....ton.35.20 - —
Chicago .....ton.30.35 - —
Cleveland .....ton.33.00 - —
Detroit .....ton.33.00 - —
Kansas City.....ton.30.93 - —
Los Angeles.....ton.42.00 - —
New York.....ton.31.50 - —
Philadelphia .....ton.31.90 - —
San Francisco.....ton.42.00 - —
Toronto .....ton.39.30 - —
Southern off color, bulk, mines..ton.12.00 - —
95.75%, bulk, mines.....ton.16.00 - —
ore, bulk, mines, long ton. 7.00 - —
German, grd., bbls., c.l., dock., t.a..ton.25.00 -26.00
l.c.l., ex whse.....ton.30.00 - —
ungrd., bulk, c.l., ex dock, ton.13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton.29.50 Nom.
l.c.l., ex whse.....ton.32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves)
Bay rum, import, bbls.....gal. .71½ Nom.
Bayberry bark, bgs.....lb. .15 - .16
Belladonna leaves, bls.....lb. .14 - .15
Root, bls. .....lb. .12 - .13
Bentonite, 1, 96%, 300 mesh, bgs., Wyo. works..ton.16.00 - —
2, 92%, 200 mesh, bgs., Wyo. works...ton.11.00 - —
Benzaldehyde, tech., cbys., dms., lb. .60 - .70
USP, X, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, nitration, pure, dms., works..gal. .21 - —
tankcars, frt. alld. E. of Omaha..gal. .16 - —
Benzol tankcar prices, West, f.o.b. sellers' works.
Benzoyl chloride, dms.....lb. .40 - .47
Benzyl acetate, f.f.c., bots....lb. .55 - 1.00
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., tins.lb. .90 - 1.20
Chloride, 95-97%, refd., dms.lb. .30 - .40
tech., dms.....lb. .25 - .28
Formate, cns.....lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.35 - 3.50
Berberine bisulphate, cns.....lb. 13.00 -13.25
Hydrochloride, cns.....lb. 13.00 -13.25
Sulphate, cns.....lb. 14.75 -15.00
Berberis root, bls.....lb. .13 - .15
Betanaphthol, subim., bbls....lb. .55 - —
kgs. .....lb. .60 - —
tech., bbls., c.l., works....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib. dms.....lb. 2.10 - —
kgs. .....lb. 2.00 - —
Betanaphylamine, tech., kgs..lb. .51 - —
Beth root, bls.....lb. .14 - .15
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.76 - —
jars .....lb. 2.65 - —
Hydroxide, 5-lb. bots.....lb. 3.27 - —
cns. .....lb. 3.15 - —
Metal, ton lots.....lb. 1.00 - —
Nitrate, cryst., 5-lb., bots...lb. 1.34 - —
cns. .....lb. 1.20 - —
Oxychloride, 5-lb. bots.....lb. 3.04 - —
cns., kgs.....lb. 2.95 - —
Subbenzoate, 5-lb. bots.....lb. 3.36 - —
cns. .....lb. 3.25 - —
Subcarbonate, bots., cns.....lb. 1.32 - 1.58
fib. dms.....lb. 1.23 - 1.26
X-ray, 5-lb. bots.....lb. 2.52 - —
fib. dms.....lb. 2.46 - —
Subgallate, bots., cns.....lb. 1.42 - 1.68
fib. dms.....lb. 1.33 - 1.36
Subiodide, cns.....lb. 3.91 - —
fib. dms.....lb. 3.88 - —
Subnitrate, powd., bots., cns., lb. 1.22 - 1.48
fib., dms.....lb. 1.13 - 1.16
Subsalicylate, 62-66%, bxs..lb. 2.44 - —
bbls., fib. dms.....lb. 2.35 - —
Sulphocarbolate, 5-lb. bots..lb. 3.61 - —
fib. dms.....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
cns. .....lb. 3.45 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots..lb. 3.40 - —
cns. .....lb. 3.30 - —
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms.....lb. 3.05 - —
Black, acetylene, c.l., dlvd....lb. .15 - —
Bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .16 - —
l.c.l., frt. alld. E.....lb. .16½- —
1, bbls., bgs., c.l., frt. alld. E..lb. .12½- —
l.c.l., frt. alld. E.....lb. .13 - —
2, bbls., bgs., c.l., frt. alld. E..lb. .10¼- —
l.c.l., frt. alld. E.....lb. .11 - —
3, bbls., bgs., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
4, bbls., bgs., c.l., frt. alld. E..lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
5, bbls., bgs., c.l., frt. alld. E..lb. .07½- —
l.c.l., frt. alld. E.....lb. .08 - —
6, bbls, bgs., c.l., frt. alld. E. lb. .06½- —
l.c.l., frt. alld E.....lb. .07 - —
7, bbls., bgs., c.l., frt. alld. E..lb. .09 - —
l.c.l., frt. alld. E.....lb. .09½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, special, 1, bgs., c.l., works..lb. .05 - —
l.c.l., dlvd.....lb. .07½- —
ctns., l.c.l., dlvd.....lb. .08¼- —
cs., l.c.l., dlvd.....lb. .09 - —
2, bgs., c.l., works.....lb. .08½- —
l.c.l., dlvd.....lb. .10½- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —

Black, carbon, special, 4, bgs., c.l., works..lb. .27½- —
cs., c.l., works.....lb. .29 - —
l.c.l., dlvd.....lb. .32 - —
5, bgs., cs., c.l., works..lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., dlvd. rail zone A (Gulf ports), for delivery in N.A. (water freights extra). lb. .0445- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0475- —
50,000 lbs., dlvd., Zone C (Pac. Cst. States)...lb. .0490- —
30,000 lbs., dlvd Zone C, Pac. Cst. States.lb. .0505- —
D (Ill., Ia., Wis.)...lb. .0490- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y. Ohio, part of Pa., Tenn., W. Va.)...lb. .0505- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .0535- —
G (Mexico).....lb. .0455- —
l.c.l., f.o.b. whse.....lb. .07 - —
ctns., l.c.l., dlvd. all zones, lb. .07½- —
cs., l.c.l., dlvd. all zones..lb. .08½- —
export, full, comprsd., cs., f.a.s. Gulf ports..lb. .08½Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .08 Nom

Charcoal (see C).

Graphite (see G).

Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works....lb. .07 - —
pure, bbls., works.....lb. .08¾- —
Ivory, genuine, bbls.....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works.....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4 ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
import, 1, bbls., c. l., f.o.b. N. Y..lb. .08 - —
l.c.l., f.o.b. N. Y.....lb. .09 - —
2. bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y. ....lb. .12 - —
3 bbls., c.l., f.o.b. N. Y...lb. .13 - —
l.c.l., f.o.b. N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b., N. Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N. Y. lb. .04½- —
B, bbls., works or N. Y....lb. .05½- —

Black dyes are listed under Dyes.

Black haw root bark, bls.....lb. .25 - .20
Tree bark, bls.....lb. .13 - .14
Black Indian hemp root, bls...lb. .12 - .13
Blanc fixe, dry, by-product, bgs., c.l..ton.60.00 -65.00
l.c.l. .....ton.65.00 -70.00
high grade precip., bgs., c.l., works, frt. equal.ton.70.00 - —
l.c.l., same basis....ton.75.00 - —
pulp, 66⅔%, bulk, c.l., works. ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.85
l.c.l., works.....100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y. unit-ton. 3.50 - 3.60
high-grade, grd., 16-17% ammon, bulk, f.o.b. Chi. unit-ton. 3.25 - —
import, bgs., c.i.f. ports, Aug. shipt..unit-ton. 3.60 - —
soluble (see Albumen, blood)
Bloodroot, bls. .....lb. .13 - .14
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .90 - —

Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Bronze, bbls, same basis, alkali toner, contracts..lb. .36 - —
open order .....lb. .37 - —
Celestial, bbls. .....lb. .10 - .12
Chinese, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg..lb. 4.90 - —
Imitation (see Blue, ultramarine, group 6).
Copper phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.45 - —
Milori, bbls., same basis alkali tone, contracts..lb. .36 - —
open order.....lb. .37 - —
Potash, bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Soluble, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Ultramarine, dry, jobbing bbls., works, frt. equaled..lb. .10 - —
regular, 1, bbls., works, frt. equald..lb. .15 - —
2, bbls., same basis....lb. .17 - —
3, bbls., same basis....lb. .18 - —
4, bbls., same basis....lb. .19 - —
5, bbls., same basis....lb. .22 - —
6, cobalt, A, same basis.lb. .26 - —
B, bbls., same basis.lb. .23 - —
C, bbls., same basis.lb. .22 - —
D, bbls., same basis.lb. .21 - —
7, A, bbls., same basis..lb. .22 - —
B, bbls., same basis...lb. .21 - —
special, 1, bbls., same basis lb. .18 - —
2, bbls., same basis....lb. .19 - —
3, bbls., same basis....lb. .21 - —
4, bbls., same basis....lb. .22 - —
5, bbls., same basis....lb. .24 - —
6, bbls., same basis....lb. .26 - —
pulp, 1, bbls., same basisNlb. .26 - —
2, bbls., same basis.....lb. .24 - —
3, bbls., same basis.....lb. .22 - —
4, bbls., same basis.....lb. .19 - —

Ultramarine, blue, dlvd, ex whse, is 1c higher; Pac. Coast ex whse., 2c. higher 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.

Blue, Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes
Blueflag root, bls.....lb. .15 - .16
Blue mass, USP., cns., kgs...lb. 1.00 - 1.02
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. works.100 lbs. 5.15 - —
16-25 bbls., same basis. 100 lbs. 5.40 - —
6-15 bbls., same basis. 100 lbs. 5.50 - —
3-5 bbls., same basis. 100 lbs. 5.75 - —
1-2 bbls., same basis. 100 lbs. 5.90 - —
monohydrated, dms., c.l. dealers..lb. .10 - —
l.c.l., dealers.....lb. .11 - —
Bluestone (see Blue vitriol)
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.29.00 -30.00
c.i.f., Atlantic ports..ton.36.50 — —
import, bgs., c.i.f. ports..ton.35.00 - —
meal, steamed, dom., 2% ammon. 50% phos., bgs., f.o.b. Chicago..ton.25.00 - 27.00
import, 100-lb. bgs., c.i.f. ports, shipt..ton.26.50 - —
phosphate, precip. (see Calcium phosphate dibasic, precip.)
steamed, dom., 1¼% ammon. 60% phos., bgs., f.o.b. Chicago..ton.23.00 - 24.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports.ton.23.00 - —
Borage flowers, bls.....lb. .20 - .21
Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.67.00 -72.00
sks., contracts, 80 tons min., dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.57.00 -62.00
Borax, tech., 99½%, gran., bbls., contracts, 80 tons min., dlvd..ton.52.00 - —
l.c.l., ex whse.....ton.61.00 -66.00
sks., contracts, 80 tons min., dlvd..ton.42.00 - —
l.c.l., ex whse.....ton.51.00 -56.00
powd., bbls., contracts, 80 tons min., dlvd..ton.57.00 - —
l.c.l., ex whse.....ton.66.00 -71.00
sks., contracts, 80 tons min., dlvd..ton.47.00 - —
l.c.l., ex whse.....ton.56.00 -61.00
USP., $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers East of and inc. N. D., S. D., Neb., Kan., Okla., Texas..lb. .10 - —
consumer, dms., same basis. lb. .10½- —
l.c.l., dealers, dms., same basis..lb. .10½- —

Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs. and over; no trucking or freight allowances for works or warehouse pick-ups.

Borneol, bots.....lb. 1.75 - 2.00
cns .....lb. 1.50 - —
Brasilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif. cs., 1,000 lbs. frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .45 - .65
moulding, cns., dms., over 10 lbs..lb. .65 - .90
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50

Broomtop, bls.....lb. .11 - .13
Brown, iron oxide, pure precip., cks., f.o.b. N.Y., or works..lb. .12¼- —
Metallic, bbls., works.....lb. .02¼- —
paper bags, c.l., works....lb. .0210- —
Sienna, burnt, American, bbls., works..lb. .06 - —
Italian, 1, bbls., f.o.b. N. Y. or Pa. points.....lb. .12¼- —
2, bbls., same basis....lb. .11¼- —
3, bbls., same basis....lb. .10¼- —
4, bbls., same basis....lb. .08¾- —
5, bbls., same basis....lb. .08¾- —
6, bbls., same basis....lb. .08¼- —
7, bbls., same basis....lb. .08 - —
8, bbls., same basis....lb. .07¾- —
9, bbls., same basis....lb. .07¼- —
10, bbls., same basis....lb. .06¾- —
11, bbls., same basis....lb. .06¾- —
12, bbls., same basis....lb. .06¼- —
13, bbls., same basis....lb. .06 - —
14, bbls., same basis....lb. .05½- —
raw, American, bbls., works, lb. .02¾- —
Italian, 1, bbls., f.o.b. N. Y. or works.....lb. .12½- —
2, bbls., same basis....lb. .10¾- —
3, bbls., same basis....lb. .11 - —
4, bbls., same basis....lb. .09½- —
5, bbls., same basis....lb. .09 - —
6, bbls., same basis....lb. .08½- —
7, bbls., same basis....lb. .07¾- —
8, bbls., same basis....lb. .07¼- —
9, bbls., same basis....lb. .06¾- —
10, bbls., same basis....lb. .06 - —
11, bbls., same basis....lb. .05 - —

"Cooking" IRON

A primary step in the making of

FINE IRON OXIDES

WHAT becomes of the thousands of tons of high-grade iron left over from manufacturing throughout the country? Here is a partial answer. Transported to Trenton, New Jersey, much of it becomes Mapico Colors. In great vats, a mass of it is being reduced in its transformation under rigid technical control and by a chemical process, into those superior pigments which give added strength and life to paints and lacquers.

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Division of Columbian Carbon Company
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41 East 42nd St., New York, N. Y.

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MAPICO Colors
YELLOWS
BROWNS
REDS
BLACK

Brown—Dinitrobenzene

Brown, umber, Amer., bbls., works..lb. .02⅞- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N.Y.....lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04½- —
ex dock Portland, San Francisco, Seattle..lb. .04⅝- —
ex whse. Boston.....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle, lb. .04⅝- —
Minneapolis .....lb. .0485- —
Pittsburgh .....lb. .04½- —
Vandyke, bbls., l.c.l.....lb. .05⅝- —
Walnut crystals, bbls.....lb. .06½- .06
Brucine, 100 oz., cns.....oz. .10 - —
Sulphate, 100 oz., cns.....oz. .07 - —
Bryonia root, bls.....lb. .10 - .11
Buchu leaves, bls.....lb. .52 - .53
Buckthorn bark, true, bls.....lb. .04 - .05
Berries, bgs.....lb. .19 - .20
Burdock root, bls.....lb. .09½- .10
Burgundy pitch, dom., bbls., c.l., works..lb. .05½- —
l.c.l., dlvd. E.....lb. .06¼- —
import., stands.....lb. .15 - .16
Butanes, coml., 16-32°, tanks, group 3..gal. .02¼- .03¾
Butternut bark, bls.....lb. .07½- .08
Butyl acetate, norm., dms., c.l., contract, frt. alld..lb. .10 - —
l.c.l., contract, frt. alld.lb. .10½- —
tanks, contract, frt. alld.lb. .09 - —
secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .08 - —
l.c.l., same terms.....lb. .08½- —
tanks, same terms.....lb. .07 - —
Butyl. alcohol (see Alcohol):—
Aldehyde, dms., l.c.l.....lb. .17½- —
Carbinol (see Carbinol).
Lactate, dms.....lb. .22½- —
Propionate, dms., dlvd.....lb. .17 - —
Stearate, dms.....lb. .26 - —
Butyric, ether, bots.....gal. 6.60 - 6.95
cns., works.....lb. .65 - .70
dms, frt. alld. Met. N. Y..lb. .60 - —

C

Cadmium bromide, bots., jars.lb. 1.61 - 1.80
Iodide, bots.....lb. 3.77 - 3.82
Jars .....lb. 3.65 - —
Lithopone (see Yellow).
Metal, cs.....lb. 1.20 Nom.
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 100 lb. dms., 10,000 lbs. or more..lb. 2.05 - —
2,000 lbs., or more.....lb. 2.10 - —
1,000 lbs., or more.....lb. 2.15 - —
100 lbs.....lb. 2.25 - —
25 lb. dms. 10,000 lbs., or more. lb. 2.08 - —
2,000 lbs., or more.....lb. 2.10 - —
1,000 lbs., or more.....lb. 2.18 - —
100 lbs.....lb. 2.28 - —
25 lbs.....lb. 2.40 - —
10-lb. cns., 10,000 lbs., or more. lb. 2.10 - —
2,000 lbs., or more.....lb. 2.15 - —
1,000 lbs., or more.....lb. 2.20 - —
100 lbs.....lb. 2.30 - —
less than 100 lbs.....lb. 2.45 - 2.60
5 lb. cns., 25 lbs., or more. lb. 2.40 - —
less than 25 lbs.....lb. 2.55 - 2.70
Citrated, cns.....lb. 1.70 - 4.75
Hydrobromide, bots.....lb. 4.82 - 4.87
Calabar beans, bgs.....lb. .15 - .16
Calamus root, bleached, cs....lb. .45 - .50
peeled, bls.....lb. .10 - .12
Calcium acetate, bgs., dlvd..... 100 lbs. 2.25 - —
Arsenate, dms., c.l., dealers, North and West..lb. .06¾- —
l.c.l., dealers.....lb. .07¼- —
Southern cotton State, dealers, dms., c.l...lb. .06½- —
l.c.l., dealers .....lb. .07 - —
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, jars.....lb. .70 - .75
Carbide, dms .....lb. .05 - .06
Carbonate (see Chalk and Whiting).
Chloride, flake, dom., 77-88%, bgs., dms., c.l., dlvd., ton.22.00 -35.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works..ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton.20.00 -33.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.60 - 2.25
Gluconate, U.S.P., gran., powd., bbls., 125 lbs..lb. .50 - —
dms. .....lb. .55 - .57
cns. .....lb. .68 - .85
Glycerophosphate, fib., dms., 1,000 lb. lots..lb. 1.00 - —
smaller lots .....lb. 1.15 - —
cns., 25 lbs. .....lb. 1.40 - —
Hypophosphite, cns. .....lb. .62 - .67
Iodide, bots., jars.....lb. 3.70 - 3.85
Lactate, USP., bbls., 200 lbs.lb. .25 - —
Nitrate, bgs., to rert. mfrs., ex vessel..ton.27.50 - —
Palmitate, bbls.....lb. .22 - .23
Phosphate, dibasic, precip., 38-42% P_2O_5 bgs., c.l.f. Atlantic ports, shipt..unit-ton. .75 - —
tribasic, precip., c.l., bbls., works..lb. .06½- —
l.c.l., bbls.....lb. .07½- —
Resinate, precip., bbls., 1 ton, lb. .13 - —
smaller lots .....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., 1 ton.....lb. .20 - —
Sulphate (see Gypsum)
Sulphide, 75%, CaS (minus 100 mesh), c.l., works, ton.52.00 - —
l.c.l., works .....ton.56.00 - —
83/85 CaS, c.l., works...ton.58.00 - —
l.c.l., works.....lb.64.00 - —
luminous, dom., tins, works, 100 lbs. .85 - —
smaller lots.....lb. 1.00 - —
Sulphocarbolate, bbls.,200 lbs.lb. .48 - —
kgs., 100 lbs. .....lb. .50 - —
Calendula flowers, bls.....lb. .38 - .40
Calomel, bbls., fib., dms., kgs., lb. 1.59 - 1.60
Camphor, natural, powd., cs..lb. .55 - .56
slabs, cs. .....lb. .55 - .56
tablets, tins .....lb. .60 - .61
synthetic, dom., imp., gran., powd., bbls., 2,000 lbs..lb. .50 - —
500 lbs.....lb. .51 - —
100 lbs.....lb. .52 - —
tablets, imp.,cs., 2,000 lbs.lb. .54 - —
500 lbs.....lb. .55 - —
100 lbs.....lb. .56 - —
Monobromate, bxs., kgs.....lb. 1.60 - 1.65
Canada balsam (see Fir balsam)
Canary seed, Argentine, bgs..lb. .05⅞- .06¼
Morocco, bgs. .....lb. .06⅛- .06⅜
Turkish, bgs. .....lb. .06 - .06½
Canella alba bark, bls.....lb. .37 - .38
Cannabis, herb, bls.....lb. .18 - .20
Cantharides, Chinese, cs.....lb. .65 - .70
powd., bxs.....lb. .90 - .95
Russian, cs.....lb. 1.25 - 1.30
powd., bxs.....lb. 1.60 - 1.65
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs....lb. .08 - .08½
Carbazole, 70-80%, dms., works.lb. .60 - —
90%, dms., works..... .80 - —
95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works.. lb. .85 - —
98.5-99%, dms., ton lots, works, lb. .75 - —
smaller quantities, works.. lb. .85 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
secondary, dms., works....lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .33 - —
l.c.l., works.....lb. .34 - —
tanks, works.....lb. .32 - —
Methylpropyl, dms., works...lb. .60 - —
small lots, works.....lb. .75 - —
Dimethylethyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5 gal. dms., c.l., same basis. lb. .07 - —
l.c.l., same basis.....lb. .08 - —
tanks, same basis.....lb. .04½- —
Dioxide, cys.....lb. .06 - .08
Tetrachloride, 55-gal. or 110-gal., dms., c.l. (20 tons), frt. alld. E. of Miss. R., N. of Ohio R..lb. .05¼- —
l.c.l., same basis.....lb. .05¾- —
10-gal. dms., c.l., (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .08 - —
5-gal. dms., c.l. (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .08 - —
tanks, same basis.....lb. .05 - —
Fire extinguisher liquid, 2c. lb. higher.
Cardamom, bleached, cs.....lb. 1.60 - 1.90
decorticated, cs. .....lb. 1.40 - 1.45
green, bgs.....lb. .90 - .95
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk...lb. .11¾- .12
Case-hardening mixture, 45%, gran., dms., l.c.l..lb. .11⅞- —
lump, dms., l.c.l.....lb. .10⅞- —
60%, lump, dms., l.c.l.....lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .13 - .14
5 tons, works.....lb. .14½- —
smaller lots, works.....lb. .15 - —
80-100 mesh, bgs., c.l., dlvd., lb. .13½- .14⅝
5 tons, works.....lb. .15 - —
smaller lots, works.....lb. .15½- —
import, Argent., 20-30 mesh, bgs., c.l., duty pd..lb. .18 - —
60-100 mesh, bgs., c.l., duty pd..lb. .18½- —
French, 30 mesh, bgs., c.l., duty pd..lb. .17 - .18
Cassia, Batavia, 1, bgs.....lb. .14½- .14⅝
3, bls.....lb. .07¼- .07⅝
short stick, bls.....lb. .12 - .12½
China, rolls, select, cs.....lb. .05½- .05⅝
broken, extra bls.....lb. .04 - .04¼
Saigon, bls.....lb. .15½- .16
Cassia buds, cs. .....lb. .12 - .12½
Cassia fistula, bskts.....lb. .11 - .12
Castile soap, white, bars, cs., 40 lbs.11.75 -12.50
powd., bbls.....lb. .28 - .35
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots.....lb.19.00 - —
Castor oil (see Oil, castor).
Pomace, dom., 5½% ammon., bgs., c.l., works..ton.24.00 - —
import, bgs., c.i.f.,ports, shipment..ton.23.00 - —
Catnep leaves, bls.....lb. .18 - .19
Celery seed, French, bgs.....lb. .17½- .18
Indian, bgs.....lb. .15 - .15½
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate, flake, cs., works..lb. .40 - —
Acetobutyrate, 501 lbs. and over, works..lb. .52 - —
10. lbs., works.....lb. .58 - —
smaller lots, works.....lb. .55 - —
Cement, white, bbls. (4 bags), 5 tons, dlvd. N. Y..bbl. 6.50 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .28 - —
kgs., works.....lb. .30 - —
Chalk precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works..lb. .02¾- —
cks., 250 lbs., c.l., f.o.b., works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. .33 - .35
Roman, bls.....lb. .25 - .29
Charcoal, softwood, powd., bgs., c.l., dlvd. Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.30.40 - —
Colo. .....ton.27.00 - —
Conn., Me., Mass., N. H., R. I., Vt..ton.30.80 - —
Ill., (except river points), Minn., Neb., Wis. .....ton.25 00 - —
Indiana .....ton.26.00 - —
Ill. (river points), Ia., Mo., Okla., Tex. (except El Paso)..ton.23.00 - —
Kansas, El Paso, Tex. ton.24.00 - —
Michigan .....ton.27.80 - —
Ohio, Penn.....ton.29.80 - —
Utah .....ton.34.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., works, lb. .02125- —
l.c.l., bbls., works.....lb. .0225- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton. 9.50 -15.50
bulk, c.l., works..ton. 6.50 - —
99.75% 200 mesh, bgs., c.l., works..ton. 8.00 - —
l.c.l., works.....ton. 9.00 -15.00
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works ton. 9.00 - —
paper bgs., c.l., works, ton.12.00 - —
import, white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila..ton.22.60 -25.00
powd., cakes., l.c.l., ex dock, ton.35.00 - —
ex whse.....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs., lb. .83 - .92
500 lbs. .....lb. .86 - .95
100 lbs. .....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs. .....lb. .95 - 1.02
dms., 1,000 lbs. .....lb. .80 - —
500 lbs. .....lb. .83 - —
100 lbs. .....lb. .85 - —
Chlorine, liq., cyls., c.l., dlvd., N.Y..lb. .05½- —
contracts, dlvd., N.Y...lb. .05½- —
l.c.l., dlvd., N.Y .....lb. .07½- —
tanks, single unit, works, frt. equald..100 lbs. 2.15 - —
multiple unit, 3 or over, wks., frt. equald.100 lbs. 2.30 - —
2, works, frt. equald... 100 lbs. 2.55 - —
1, works, frt. equald... 100 lbs. 3.00 - —
Chloroacetophenone, tins,works.lb. 3.00 - 3.50
Chloroform, tech., 650-lbs. drums, lb. .20 - —
100-lbs. dms.....lb. .22 - —
50-lb. dms.....lb. .25 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms... .....lb. .33 - —
Chloropicrin, com'l, 25-lb. cyls., works. lb. .80 - —
5-lb. cyls., same ba. lb. 1.15 - —
Chrome acetate, powd., 17.5% cr., bbls., works..lb. .13 - —
smaller pkgs., works....lb. .17 - —
solut., 8% cr, bbls.....lb. .05 - .08
Cake, bulk, c.l., works....ton.11.00 -12.00
Green (see Green, chrome)
Oxide (see Green, chrome oxide)
Sulphate, pearls, dms., 100 lbs., lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scales, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic)
Yellow (see Yellow, chrome)
Chrysarobin, cns.....lb. 3.25 - 3.50
Cinchona bark, chips, bgs.....lb. .18 - .19
high test, bgs.....lb. .45 - .50
quills, broken, bgs.....lb. .18 - .19
long, cs.....lb. .55 - .60
short, bgs.....lb. .50 - .55
Ecuador, tubes.....lb. .18 - .20
Cinchonidine, crys., small cns., 100 ozs..oz. .83 - —
large, cns.....100 ozs..oz. .87 - —
powd., cns.....100 ozs..oz. .80 - —
sulphate, N.F., cns..100 ozs.oz. .47 - —
Cinchonine, crys., small, cns., 100 ozs..oz. .54 - —
large, cns.....100 ozs..oz. .58 - —
powd., cns.....100 ozs..oz. .50 - —
Sulphate, N.F., cns..100 ozs..oz. .34 - —
Cinchophen, USP, boxes, 5 lbs., lb. 3.75 - —
bots., 1 lb.....lb. 3.27 - —
dms., 100 lbs.....lb. 3.00 - —
Cinnamic alcohol (see Alcohol cinnamic).
aldehyde, f.f.c. bots.....lb. 1.55 - 2.00
Cinnamon, Ceylon, 2 bls.....lb. .16½- .17
3 bls.....lb. .16¼- .16¾
Citral, bots., cns.....lb. 1.70 - 3.15
Citrine ointment, jars, tubes.lb. .75 - —
Citronellal, bots., dms.....lb. 1.00 - 1.50
Citronellol, bots., dms.....lb. 1.75 - 1.80
Clove, Madagascar, bls.....lb. .16 - .16¼
Zanzibar, bls. .....lb. .17¼- .17⅝
Clove, Madagascar, bls.....lb. .16 - .16¼
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.50 - 7.75
l.c.l., works.....bbl. 8.50 - 8.50
tanks, works.....gal. .07½- .09
refd., bbls., c.l., works...bbl. 8.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08½- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.00 - —
refd., dms., c.l., works...dm. 8.25 - —
l.c.l., works.....dm. 8.75 - —
Cobalt acetate, bbls., kgs., dlvd. lb. .66 - .68
Carbonate, tech., bbls., dlvd.lb. 1.63 - —
Chloride, dms., works.....lb. 1.03 - 1.18
Hydrate, bbls.....lb. 1.78 - —
Linoleate, paste, 6%, dms...lb. .31 - —
solid, 8½%, bbls.....lb. .33 - —
Oleate, bbls.....lb. .26 Nom.
Oxide, black, kgs.....lb. 1.67 - —
Resinate, fused, A, bbls.....lb. .13½- —
1%, bbls.....lb. .13 - —
2%, bbls.....lb. .14 - —
3½%, bbls.....lb. .17½- —
precip., dms., dlvd.....lb. .34 - —
Sulphate, dms.....lb. .59 - —
Cocaine hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .35 - .38
Teneriffe, silver, bgs.....lb. .38 - .39
Cocillana bark, bgs.....lb. .18 - .20
Cocoa butter, lumps, bgs., c.l..lb. .18½- .19
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs..oz.10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.....lb. .07½- .08
Blue, root, bls.....lb. .06½- .07
Colchicine, bots., 4 ozs.....oz.25.00 - —
single ozs.....oz.26.00 - —
Colchicum seed, bgs.....lb. .23 - .25
Collodion, USP, dms., 325 lbs..lb. .12½- —
cns., 25 lbs.....lb. .16 - —
Flexible, USP, dms., 325 lbs.lb. .14½- —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .39 - .40
Colombo root, bls.....lb. .75 Nom.
Coltsfoot leaves, bgs.....lb. .07 - .08
Condurango bark, bgs.....lb. .08 - .09
Conium leaves, bls.....lb. .18 - .19
Copaiba, balsam, Para, cns....lb. .26 - .27
S.A., USP, cns.....lb. .28 - .29
Copper acetate, normal, bbls., c.l., works..lb. .23 - —
l.c.l., bbls.....lb. .25 - —
Carbonate, 52-54%, bbls.....lb. .18 - —
18-20%, bbls.....lb. .10½- .12
Chloride, bbls.....lb. .15 - .17
Cyanide, tech., bbls.....lb. .37 - .39
Iodide, bots.....lb. 4.97 - 5.02
Metal, electrolytic.....lb. .14 - —
Nitrate, cryst., bbls.....lb. .15 - —
Oleate, percip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works, lb. No prices
smaller lots, works.....lb. No prices
red, com'l., 50-75%, kgs., c.l., f.o.b. N.Y..lb. No prices
l.c.l., f.o.b. N.Y.....lb. No prices
Resinate, precip., bbls.....lb. .15 - .16
Stearate, precip., bbls.....lb. .23 - .24
Sulphate (see Blue vitriol).
Copperas, cryst., gran., bgs., c.l., works..ton.14.00 -15.00
bbls., c.l., works.....ton.16.00 -17.00
l.c.l., 25 or over, works.... 100 lbs. 1.35 - —
5-24, works.....100 lbs. 1.50 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.12.00 -13.00
Copra, bgs., Pacific Coast....lb. .0310 Nom.
Coriander seed, Morocco, bgs..lb. .08 - .08½
bleached, bgs. .....lb. .09½- .10
Corn, sugar, tanners, bbls., c.l., dlvd..100 lbs. 3.79 - —
ex whse.....100 lbs. 3.89 - —
Syrup, 42°, bbls., c.l....100 lbs. 3.91 - —
43°, bbls., c.l. .....100 lbs. 3.96 - —
Cornsilk, bls. .....lb. .07 - .08
Corrosive sublimate, cryst., dms., lb. 1.37 - 1.38
gran., powd., dms.....lb. 1.22 - 1.23
Cottonroot bark, bls.....lb. .12 - .13
Cottonseed hull ash, 25-30% pot-ash bulk, dlvd..unit-ton. 1.05 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 3.00 - —
5-lb. cns.....lb. 3.10 - —
1-lb. cns.....lb. 3.25 - —
1-oz. cns.....lb. 3.60 - —
less than 5 lbs., cns.....lb. 4.15 - 4.65
Cramp bark, genuine, bls.....lb. .20 - .22
so-called, bls. .....lb. .07 - .08
Cranesbill root, bls. .....lb. .16 - .20
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't, lb. .18¾- —
smaller lots, bbls.....lb. .19¼- —
kgs. .....lb. .19¾- —
Creosote, wood, beech, bots...lb. .70 - .75
hard, USP, bots.....lb. .45 - .47
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Oil, crude, tanks, works....gal. .13½- .14
Coaltar solution, tanks, works gal. .118 - .128
refd., bbls., c.l., works..gal. .22½- —
l.c.l., works.....gal. .25 - —
tanks, works.....gal. .18 - .18½
Cresol, USP, dms., c.l., works.lb. .12 - —
l.c.l., same basis.....lb. .12½- —
Crotonaldehyde, tech., dms., c.l., works..lb. .26 - —
l.c.l., works.....lb. .30 - —
Cube root, powd., 5% rotenone, bbls., 30,000 lbs., frt. equaled., with Newark, Balto., and West Coast, lb. .27 - —
10,000 lbs. and over, same basis..lb. .28 - —
2,000 lbs. and over, same basis..lb. .29 - —
1,000 lbs. and over, same basis..lb. .31 - —
200 lbs. and over, same basis..lb. .33 - —
Cube root, powd., 4% rotenone prices 5c. per lb less.
coarse grd., 4% & 5% rotenone, prices 1c. less than powd.
3% rotenone, 6c. less than powd.
Cubeb berries, XX, bgs.....lb. .30 - .31
powd., cs.....lb. .34 - .35
Culver's root, bls.....lb. .17 - .19
Cumin seed, Algerian, bgs....lb. .09¾- .10¼
Indian, bgs.....lb. .10 Nom.
Morocco, bgs.....lb. .09¾- .10¼
Cutch, Philippine, bls., c.l...lb. .04 - —
Cyanamide, 21-22% N., pulv., bgs., dlvd., contrs., NH_3 unit.. 1.15 - —
Cyanide-chloride, mixture, 75%, gran., dms..lb. .16 - .17
lump, dms .....lb. .14 - .15

D

Damiana leaves, bls.....lb. .17 - .18
Dandelion root, German, bls..lb. .19 - .20
Deertongue leaves, bls.....lb. .15 - .16
Deras, common, dom., bbls..lb. .08¼ Nom.
English, bbls.....lb. .08¼ Nom.
neutral, dom., bbls.....lb. .12¾ Nom.
English, bbls.....lb. .12¾ Nom.
Derris root, powd., 5% rotenone, bbls., 30,000 lbs., 1 shipment, f.o.b. N.Y.C., or Balto., frt. prepaid to West Coast ports....lb. .39 - —
Derris root, powd., 5% rotenone, bbls., 30,000 lbs., contract or orders, basis..lb. .39½- —
10,000 lbs., same basis.lb. .40 - —
2,000 lbs., same basis.lb. .41 - —
bbl., same basis....lb. .44 - —
less than 100 lbs., same basis..lb. .47 - —
import contracts, 50,000 lbs..lb. .21½- —
10,000 lbs. .....lb. .22 - —
4% rotenone prices 6c. per lb. less
Dextrin, British, gum, c.l., f.o.b. Chicago..100 lbs. 4.60 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.70 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 4.25 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.45 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 4.30 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.50 - —
Potato, import., bgs.....lb. .07⅜- .08⅝
Tapioca, bgs., ex whse.....lb. .08 - Nom.
Diamyl ether, dms., c.l., works. lb. .085 - —
l.c.l., works .....lb. .092 - —
tanks, works .....lb. .075 - —
Oxalate, dms., l.c.l., works..lb. .30 - —
Phthalate, dms., c.l., dlvd..lb. .20½- —
l.c.l., dlvd.....lb. .21 - —
tanks, dlvd.....lb. .19¼- —
Sulphide, dms., l.c.l., works..lb. 1.10 - —
Diamylamine, dms., c.l., works., lb. .47 - —
l.c.l., works.....lb. .50 - —
Diamylene, dms., c.l., works.lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton.22.00 -85.00
l.c.l., ex whse.....ton.45.00 -180.00
import, bgs., c.l., c.i.f.....ton.30.00 -
Dibutyl phthalate, dms.....lb. .21 - —
Tartrate, dom., dms.....lb. .35 - .40
import., dms.....lb. .80 - .85
Dicalcium phosphate (see Calcium phosphate, dibasic).
Dichloroethyl ether, dms., c.l. works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Diethanolamine, dms., c.l., works..lb. .26 - —
l.c.l., works.....lb. .27 - —
tanks, works.....lb. .25 - —
Diethyl carbonate, coml., dms.lb. .31⅝- —
refd., 99%, dms.....lb. .50 - —
Carbinol (see Carbinol)
Diethyl, phthalate, dms., c.l...lb. .19 - —
l.c.l. .....lb. .19½- —
tanks .....lb. .18 - —
Diethylanilin, dms... .....lb. .50 - —
Diethyleneglycol, dms., c.l., works, lb. .22 - —
l.c.l., works.....lb. .23 - .26
Monobutylether, dms., works.lb. .26 - .27
Monoethylether, dms., c.l., works..lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Diethyl sulphate, dms., c.l., works..lb. .13 - —
l.c.l.,works.....lb. .14 - —
tanks .....lb. .12 - —
Digitalis leaves, dms.....lb. .33 - .35
Diglycol oleate, light, bbls....lb. .21 - .24
Dillseed, recleaned, bgs.....lb. .07½- .08
Dimethyl phthalate, dms.....lb. .21 - —
Dimethylanilin, dms.....lb. .26 - .27
Dimethylethyl carbinol (see Carbinol)
Dinitrobenzene, bbls.....lb. .16 - .18

Dinitrochlorobenzene, bbls.....lb. .16½- .17¼
Dinitronaphtiralene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .23 - .24
Dinitrotoluene, dms.....lb. .14½- .15¼
oily, dms.....lb. .09 - —
Diorthotoluolguanidin, dms, 2,000 lbs. or over, divd..lb. .44 - —
600-1,950 lbs., divd.....lb. .46 - —
150-450 lbs., divd.....lb. .47 - —
Dip oil (see Tai acid oil)
Dipentene, dms.....gal. .47 - .50
tanks.....gal. .41 - —
Diphenyl, bbls, c.l., works....lb. .15 - —
l.c.l., works.....lb. .20 - .25
Diphenyl, oxide, bots.....lb. .70 - 1.00
Diphenylamine, bbls.....lb. .21 Nom.
Diphenylguanidin, dms., 2,000 lbs. or over, divd..lb. .35 - —
600-1,950 lbs., divd.....lb. .36 - —
150-450 lbs., divd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 2.00
Disodium phosphate (see Soda phosphate, dibasic)
Divi-divi, bgs., shipment....ton.34.00 Nom.
Doggrass root, cut, bls.....lb. .12 - .13
Dogwood bark, dom., bls.....lb. .07 - .08
Jamaica, bls.....lb. .07 - .08
Dover's powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, thin, cs.....lb. .85 - .90
Duboisine sulphate, vls.....oz.34.50 -35.00
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 9G.....lb. .68 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. 1.00 - —
176 Fast red A.....lb. .60 - .75
180 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste.....lb. .85 - .90
189 Lake red R, powdered..lb. 3.00 - 3.10
202 Chrome blue black U..lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
280 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B...lb. .80 - .85
326 Direct cast scarlet.....lb. 2.00 - 2.25
364 Paper yellow.....lb. .83 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.30
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN..lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B....lb. .40 - .42½
495 Benzo purpurin 10B....lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B....lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF..lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
593 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
606 Direct brown 3GO.....lb. .35 - 1.00
626 Direct yellow R.....lb. 1.25 - 1.50
606 Acid violet.....lb. 1.00 - 3.00
812 Primulin.....lb. .50 - .52
814 Direct fast yellow.....lb. 2.00 - 2.25
845 Nigrosin(water soluble).lb. .35 - .50
1177 Indigo, 20 p.c., paste...lb. .15 - .19
Benzo fast black L....lb. .90 - 1.00
Sulphur black .....lb. .20 - .25
Sulphur blue .....lb. .40 - 1.00
Sulphur brown .....lb. .25 - .50
Sulphur maroon .....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur tan .....lb. .30 - .50
Sulphur yellow .....lb. .30 - .50
Zambesi black .....lb. .75 - .80

Dyes, coaltar, for stains (numbers are those of Colour Index scale):—
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives.lb. .42 - —
Blue:—
1075 Alizarin astrol base.lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
729 Victoria blue.....lb. .75 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .70 - —
.... Orange, red shade..lb. .75 - —
Red:—
73 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthroquinone violet base..lb. 6.00 - —
680 Oil violet .....lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow. lb. .75 - —
61 Yellow OB.....lb. 1.40 - —

Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
864 Nigrosin .....lb. .40 - —
Blue:—
729 Victoria blue .....lb. 2.55 - —
860 Indulin .....lb. .70 - —
Brown:—
371 Bismarck brown ....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base. lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow..lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS..lb. 2.00 - —
Violet:—
680 Methyl violet.....lb. 1.00 - —

Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. in a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S, lb. .50 - —
865 Nigrosin .....lb. .36 - —
873 Methylene gray ....lb. 1.50 - —
Blue:—
714 Patent blue A .....lb. 1.45 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .87 - —
909 New blue R.....lb. 1.35 - —
922 Methylene blue ....lb. 1.00 - —
1054 Alizarin sanhirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —

Dyes, coaltar, for stains (numbers are those of Colour Index scale):—
Brown:—
234 Resorcin brown Y...lb. .65 - —
235 Resorcin dark brown R, lb. .66 - —
231 Bismarck brown G..lb. .52 - —
382 Bismarck brown R..lb. .37 - —
793 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B...lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B..lb. 1.55 - —
1078 Alizarin cyanin green, lb. 2.55 - —
Orange:
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —
Red:—
31 Amidonaphthol red G, lb. .42 - —
57 Amidonaphthol red 6B, lb. .68 - —
79 Ponceau R .....lb. .48 - —
88 Fast red B .....lb. 1.05 - —
176 Fast red A .....lb. .54 - —
179 Azorubin .....lb. .52 - —
183 Crocein scarlet 3BX..lb. .60 - —
185 Cochineal red A....lb. .60 - —
252 Brilliant crocein M..lb. .63 - —
677 Fuchsin .....lb. 1.90 - —
749 Rhodamine B .....lb. 3.50 - —
752 Rhodamine 6G .....lb. 4.50 - —
768 Eosin G .....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B....lb. .75 - —
681 Crystal voilet C....lb. 1.75 - —
695 Acid violet 4BN....lb. .88 - —
Yellow:—
10 Naphthol yellow S..lb. .98 - —
138 Metanil yellow .....lb. .53 - —
636 Fast light yellow....lb. 1.25 - —
639 Xylene light yellow..lb. 1.15 - —
640 Tartarzin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .26 - .27
Egg albumen (ace Albumen).
Yolk, dom., cs.....lb. .68 Nom.
import, cs.....lb. .53 Nom.
Elder flowers, bright, bls.....lb. .20 - .21
dark, bls.....lb. .18 - .19
Elecampane root, bls.....lb. .11 - .12
Elm bark, grinding, bls.....lb. .11 - .12
powd., bbls., bxs.....lb. .20 - .21
select, bndls., July del'vy, cs., lb. .23 - .25
Emetine hydrochloride, bots., oz.15.00 -16.00
Ephedra, bls. .....lb. .06 - .07
Ephedrine, tins, 100 ozs. .....oz. 1.00 - —
Hydrochloride, tins, 100 ozs.oz. 1.00 - —
Sulphate, cryst.,tins, 100 ozs.oz. 1.00 - —
powd., tins, 100 ozs.....oz. 1.05 - —
Epsom salt, tech., bgs....100 lbs. 1.80 - —
bbls.....100 lbs. 1.90 - —
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.25 - —
smaller lots.....lb. 2.50 - —
Epsom salt, USP., cryst., dom., bbls., c.l.....lb. 2.10 - —
l.c.l., 5,000 lbs. 1 withdrawal..lb. 2.35 - —
smaller lots .....lb. 2.60 - —
kgs., c.l. .....lb. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.60 - —
smaller lots .....lb. 2.85 - —
dried, dom., bgs., l.c.l...lb. .08 - .10
Ergot, USP, cs., dms.....lb. 1.45 - 1.50
Eserine, bots.....oz.42.00 - —
Salicylate, bots.....oz.29.00 -30.00
Sulphate, bots.....oz.30.00 - —
Ether, acetic, dms., 400 lbs...lb. .09 - —
cns., 35 lbs.....lb. .14 - —
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .68 - —
Sulphuric, conc., dms., 120 lbs., lb. .09 - —
cns., 27 lbs.....lb. .14 - —
synth., dms., c.l., works..lb. .08 - —
l.c.l., works.....lb. .09 - —
USP, anesthesia, dms., 27 lbs., lb. .26 - —
USP, 1880, dms.....lb. .39 - .40
washed, dms.....lb. .37 - .38
Ethyl acetate, dms., c.l., frt. alld. lb. .07½- —
l.c.l., frt. alld.....lb. .08 - —
tanks, frt. alld.....lb. .06½- —
anhyd., dms., c.l., frt. alld.lb. .08½- —
l.c.l., frt. alld.....lb. .09 - —
tanks, frt. alld.....lb. .07½- —
Acetoacetate, dms., c.l., works. lb. .27½- —
l.c.l., dms., works.....lb. .28 - —
Bromide, tech., dms.....lb. .50 - .55
Caoroate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .22 - .24
Cinnamate, cns.....lb. 3.40 - 4.25
Crotonate, dms., works.....lb. 1.00 - 1.25
Ethyl, formate, dms.....lb. .27 - .28
Iodide, bots.....lb. 5.55 - 5.70
Lactate, 55-gal. dms., works.lb. .33 - —
5-gal. dms., works.....lb. .36 - —
Oxalate, dms.....lb. .30 - .34
Silicate, l.c.l., dms., works..lb. .77 - —
Ethylcellulose, 501 lbs. and over, works..lb. 1.00 - —
101 lbs., works.....lb. 1.05 - —
smaller lots, works.....lb. 1.15 - —
Ethylene bromide, dms.....lb. .65 - .70
Dichloride, dms, c.l., works, E. of Rockies, frt. alld..lb. .0545- —
West of Rockies, same basis..lb. .0595- —
Ethylene dichloride, l.c.l., dms., works, E. of Rockies, frt. alld..lb. .0644- —
West of Rockies, same basis..lb. .0694- —
Ethyleneglycol, dms., c.l.....lb. .17 - —
l.c.l. .....lb. .18 - .21
tanks .....lb. .16 - —
Monobutylether, dms., c.l., works lb. .20 - —
l.c.l., works .....lb. .21 - .24
tanks works .....lb. .19 - —
Monoethylether, dms., c.l., works..lb. .16 - —
l.c.l., works .....lb. .17 - —
tanks, works .....lb. .15 - —
Monoethylether acetate, dms., c.l., works..lb. .14 - —
l.c.l., works .....lb. .15 - —
tanks, works .....lb. .13 - —
Monomethylether, dms., c.l., works..lb. .18 - —
l.c.l., works .....lb. .19 - .22
tanks works .....lb. .17 - —
Ethylidinanilin, dms .....lb. .45 - .47½

Ethylmethyl ketone, dms., c.l., frt. pd. E. of Rocky Mts., lb. .07 - —
l.c.l., same terms.....lb. .07½- —
tanks, same terms.....lb. .06 - —
Ethylorthoparatoluenesulphonamide, bbls..lb. .55 - —
Ethylparatoluenesulphonamide, bbls..lb. .60 - —
Eucalyptol, cns., dms.....lb. .58 - .60
Eucalyptus leaves, bls.....lb. .09 - .10
Eugenol, bgs., cns.....lb. 2.10 - 2.55
Euphorbia, bls.....lb. .06 - .06¼

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -15.00
glass, 20 mesh, bulk, works.ton.11.00 -12.25
pottery, bulk, Me. works...ton.17.00 -19.00
N.C. works.....ton.17.00 -19.00
Fennel seed, French type, bgs., lb. .07½- .08
India, bags .....lb. .07¼- .07½
German, large, bgs.....lb. .18 - .19
small, bgs.....lb. .13 - .14
Fenugreek seed, bgs.....lb. .04¼- .04¾
Ferric sulphate, dms., works.ton.35.00 -40.00
Film scrap, colors, dark, cs., 1,000 lbs. or over, E. works lb. .12½- .13
smaller lots, E. works. lb. .13½- .14
light, cs., 1,000 lbs. or over, works..lb. .14 - .15
smaller lots, E. works.lb. .15 - .16
water white, cs., 1,000 lbs. or over, E. works..lb. .15 - .16
smaller lots, E. works.lb. .16 - .17
Film scrap prices f.o.b. Calif. works, 1c. lb. lower.
Fir balsam, Canada, cns.....gal. 8.75 -13.00
Oregon, bbls.....gal. 1.60 - 1.70
Fish berries, bgs.....lb. .09 - .10
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures unit-ton. 4.00 & .10
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton.58.00 -59.00
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, E. cst. factories, contracts..unit-ton.3.10 & .50 Nom.
sardine, meal, Japanese, 11½% ammon., bgs., c.i.f., ports, shipt..ton.48.00 - —
nearby arrival....ton.48.00 -50.00
Flake white, bbls., kgs.....lb. .08¾- .09
Flaxseed, French, black, bgs..lb. .10¾- .11
Indian, blonde, bgs.....lb. .10 - .11
Fluorspar, enamel, 96-98%, bgs., ton. No prices.
standard, gravel, washed, 85 and 5%, dom., bulk, f.o.b. Ill., Ky. mines. ton.20.00 -21.50
import, bulk, Atlantic ports, duty-paid..ton.23.00 -23.50
lump, 85 and 5, dom., bulk., f.o.b. Ill., Ky., mines...ton.21.00 -22.50
powd., 97%, import., bgs., Atlantic ports, duty-paid..ton. No prices.
Formaldehyde, bbls., c.l., works, lb. .05¾- —
l.c.l., works.....lb. .06¼- —
dms., c.l., works.....lb. .05¼- —
l.c.l., works.....lb. .05¾- —
tanks, works.....lb. .04¼- —
Fringetree bark, bls.....lb. .13 - .14
Fuller's earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines..ton.10.00 - —
import., bgs., c.l., ex dock.ton.23.00 - —
l.c.l., ex whse.....ton.30.00 - —
Furfural, refd., dms., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17½- .25
tech., dms., contracts, 150,000 lbs., works..lb. .10 - —
c.l., works.....lb. .12½- —
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. .09 - —
Fusel oil, refd., dms., incl., divd., lb. .16 - .18
Fustic extract, cryst., bbls....lb. .22 - .26
liquid, bbls.....lb. .09½- .13
solid, dms.....lb. .17½- .19¼

G

G salt, bbls.....lb. .45 - .48
Galangal root, bls.....lb. .08 - .09
Gall extract, bbls.....lb. .19 - .20
Gambier, common, bgs.....lb. No prices.
plantation, bgs.....lb. .08¾- .09
Cubes, Singapore, bgs.....lb. .10¼- —
Gambier extract, bbls.....lb. .08½ Nom.
Gasoline, at refinery:—
Bayonne, US motor, 62-63 octane, tanks..gal. .07 - —
65 octane, tanks.....gal. .07½- —
above 65 octane, tanks.gal. .08 - —
California, 54-58, tanks...gal. .07½- —
Gulf Coast, US motor, bulk, gal. .06½- —
60-62, 390 e.p., bulk, export, gal. .06¼- —
60-62, 400 e.p., bulk, export, gal. .06½- —
64-66, 375 e.p., bulk, export, gal. .06⅝- —
Louisiana-Arkansas, US motor, 62 octane, tanks..gal. .05¾- .06
63-67 octane, tanks....gal. .06½- .06⅝
68-70 octane, tanks...gal. .06¾- .06⅞
Oklahoma-Texas, US motor, 62 octane and below, tanks..gal. .04¾- .05⅝
63-67 octane, tanks....gal. .05¼- .05⅝
68-70 octane, tanks....gal. .05⅞- .06⅛
60-62, 400 e.p., tanks....gal. .04¾- .05⅜
64-66, 375 e.p., tanks....gal. .05 - .05¼
natural, 12-lb. vapor pres., tanks..gal. .05¾- .03
14-lb. v.p., tanks.....gals. .05½- .05⅝
18-lb. v.p., tanks.....gal. .04⅞- .05
22-lb. v.p., tanks.....gal. .04½- .04⅝
26-70-lb., v.p., tanks..gal. .04 - .04⅛
Pennsylvania, US motor, below 60 octane, tanks.....gal. .06 - —
60 octane, tanks.....gal. .07¼- —
52-54, 430 e.p., naphtha, tanks..gal. .05⅝- —
54-56, 400 e.p., strt, run, tanks..gal. .05¾- —
Gelatin, silver, cs.....lb. .50 - .55
Gelsemium root, bls.....lb. .12 - .13
Gentian root, bls.....lb. .15 - .16
grd., bbls., bxs.....lb. .17 - .18
powd., bbls., bxs.....lb. .18 - .19
Geraniol, cns., dms.....lb. .75 - 3.00
Geranyl acetate, bots., dms...lb. 1.75 - 2.50
Ginger root, Africa, bgs.....lb. .14¾- .15
Cochin, lemon, bgs.....lb. .15 - .15½
Jamaica, bold, bgs.....lb. .17 - .17½
grinding, bright, bgs....lb. .14¾- .15
medium, bold, bgs.....lb. .15 - .15½
Japanese, bgs.....lb. .16 - .16¾
Ginseng fibers, cs.....lb. 1.75 - 3.00
Root, cultivated, cs.....lb. 4.00 - 5.00
wild, Southern, cs.....lb. 6.00 - 7.00

Dinitrochlor.—Gum

Glauber's salt, anhyd. (see Soda sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. .95 - 1.15
5 tons or over, works... 100 lbs. 1.05 - 1.25
less than 5 tons, works.. 100 lbs. 1.15 - 1.35
import., bgs.....100 lbs. 1.05 - 1.35
Glue, bone, calcimine type, 34 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .14 - —
l.c.l., dlvd.....lb. .14½- —
36/58, bgs., c.l., dlvd.....lb. .14½- —
l.c.l., dlvd.....lb. .15 - —
58/82, bgs., c.l., dlvd.....lb. .15½- —
l.c.l., dlvd.....lb. .16 - —
82/108, bgs., c.l., dlvd....lb. .16 - —
l.c.l., dlvd.....lb. .16½- —
hide, calcimine type, 53 millipoise, 135 jelly grams, bgs., c.l., dlvd., East, Middlewest..lb. .17½- —
l.c.l., same basis.....lb. .18 - —
60/164,bgs.,c.l.,same basis.lb. .19 - —
l.c.l., same basis.....lb. .19½- —
67/192,bgs.,c.l.,same basis.lb. .20 - —
l.c.l., same basis.....lb. .20½- —
75/222, bgs., c.l., same basis lb. .21 - —
l.c.l., same basis.....lb. .22 - —
83/251,bgs.,c.l.,same basis.lb. .22 - —
l.c.l., same basis.....lb. .23 - —
92/283,bgs.,c.l.,same basis.lb. .23 - —
l.c.l., same basis.....lb. .24 - —
102/315, bgs., c.l., same basis lb. .23½- —
l.c.l., same basis.....lb. .24½- —
113/347, bgs., c.l., same basis lb. .24½- —
l.c.l., same basis.....lb. .25½- —
125/379, bgs., c.l., same basis lb. .25½- —
l.c.l., same basis.....lb. .26½- —
Glue prices for barrel packing, ½c. lb. higher; grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
Glycerin, C.P., makers, cns., l.c.l. lb. .23½- .24
dms., extra, c.l.....lb. .21½- —
l.c.l. .....lb. .22 - —
dynamite, dms., extra, c.l....lb. .21½- —
l.c.l. .....lb. .22 - —
saponification, basis 88%, dms. returnable, divd..lb. .16 - .16½
soaplye, basis 80%, dms., returnable, divd..lb. .14½- .15
yellow, distilled, dms., extra, cl. lb. .23¾- —
l.c.l. .....lb. .23¾- —
Glycol boriborate, dms.....lb. .26 - —
Phthalate, dms.....lb. .40 - —
Stearate, dms .....lb. .27½- —
Gold, U. S. purchase price....oz.35.00 - —
Chloride, acid brown, bots..oz.20.75 -21.00
yellow, bots.....oz.18.75 -19.00
Gold-Soda chloride, photo., bots. oz.13.00 - —
USP IX, bots.....oz.14.50 -14.75
Gold of pleasure seed, bgs.....lb. .16½- .17
Golden seal root, bls.....lb. 2.95 - 3.30
powd., bxs.....lb. 3.15 - 3.20
Grains of paradise, bxs.....lb. .25 - .28
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works..lb. .06 - —
bbls., c.l., works.....lb. .06½- —
l.c.l., works .....lb. .06½- —
powd., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works..lb. .02½- —
bbls., c.l., works.....lb. .02¾- —
l.c.l., works.....lb. .03¼- —
80% graphitic carbon, bgs., c.l., works..lb. .03½- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04½- —
Grease, house, trcs.....lb. .08½- .08¾
white, trcs. .....lb. .08½- .09¾
yellow, trcs. .....lb. .08¼- .08¾
Wool (see Adeps lanae and Degras)
Green, chrome, C.P., dark, light, medium, blue content up to 5% bbls., divd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .21 - —
6-10%, bbls., same basis.lb. .22 - —
11-15%, bbls., same basis.lb. .23 - —
16-20%, bbls., same basis.lb. .23½- —
21-25%, bbls., same basis.lb. .24 - —
26-30%, bbls., same basis.lb. .24½- —
31-35%, bbls., same basis.lb. .25½- —
36-40%, bbls., same basis.lb. .27 - —
41-45%, bbls., same basis.lb. .28½- —
46-50%, bbls., same basis.lb. .30 - —
over 50%, bbls., same basis lb. .31 - —
Chrome green prices are ½c. higher divd. Ala., Fla., Ga., La., (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher divd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
reduced, C.P. color content up 5%, bbls., same basis, lb. .06 - —
6-10%, bbls., same basis.lb. .06¾- —
11-13%, bbls., same basis.lb. .07¼- —
14-16%, bbls., same basis.lb. .07½- —
17-19%, bbls., same basis.lb. .07¾- —
20-21%, bbls., same basis.lb. .08 - —
22-23%, bbls., same basis.lb. .08¼- —
24-25%, bbls., same basis.lb. .08½- —
26-27%, bbls., same basis.lb. .08¾- —
28-29%, bbls., same basis.lb. .09¼- —
30-31%, bbls., same basis.lb. .10 - —
32-33%, bbls., same basis.lb. .11¼- —
34-35%, bbls., same basis.lb. .12¼- —
36-40%, bbls., same basis.lb. .14¼- —
41-45%, bbls., same basis.lb. .16¼- —
46-50%, bbls., same basis.lb. .16¾- —
51-55%, bbls., same basis.lb. .17¼- —
56-60%, bbls., same basis.lb. .17¾- —
61-65%, bbls., same basis.lb. .18¼- —
66-70%, bbls., same basis.lb. .19¼- —
71-75%, bbls., same basis.lb. .20¼- —
chrome, oxide, dom., pure..bbl. .21 - —
ceramic, light shades, bbls., c.l., works..lb. .28 - —
l.c.l. works.....lb. .30 - —
standard grade, bbls., works..lb. .19 - .20
tetrahydroxide, bbls.....lb. .85 - —
Paris (see P.
Verdigris (see V)
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .08¾- .15
Guaiac resin, cs.....lb. .35 - .40
strained, cs.....lb. .90 - 1.00
Wood, bls..?.....lb. .04 - .05
Guaiacol, liq., djgs.....lb. 1.55 - 1.70
Carbonate, 6lb., dms., 25 lbs.lb. 2.20 - —
kgs, 100 lbs.....lb. 2.15 - —
Guarana, powd., cs.....lb. .75 - .80
Gum, aloe (see A)
Ammoniac, tears.. cs.....lb. .85 - .90
Arabic, amber sorts, cleaned, bgs..lb. .13¾- .14
white, sorts, 1, bgs.....lb. .29 - .30
2, bgs .....lb. .27 - .28
powd., bbls.....lb. .16½- .17
Asafetida (see A)
Asphaltum (see A)
Benzoin, Siam, cs.....lb. 1.40 - 1.65
Sumatra, cs. .....lb. .22 - .25

Gum, Camphor—Lime

Gum, camphor (see C)
Chicle, bgs. lb. .40 - .45
Copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran. lb. .46 - —
Copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.
2, cloudy, white, bgs., c.l., same basis. lb. .30½- —
3, selected pale straw bold, bgs., c.l., same basis. lb. .20 - —
4, pale bold straw, bgs., c.l., same basis. lb. .19¼- —
5, pale straw bold, bgs., c.l., same basis. lb. .16 - —
6, pale amber bold, bgs., c.l., same basis. lb. .14¾- —
7, pale straw bold, bgs., c.l., same basis. lb. .14¾- —
8, light amber bold, bgs., c.l., same basis. lb. .13½- —
9, medium light amber bold, bgs., c.l., same basis. lb. .10¼- —
10, rescraped hard amber bold, bgs., c.l., same basis lb. .10⅞- —
11, hard dark amber bold, bgs., c.l., same basis. lb. .09½- —
12, selected bold sorts, bgs., c.l., same basis. lb. .07¾- —
13, dark sorts bold, bgs., c.l., same basis. lb. .06¼- —
14, selected, fully scraped ivory, bgs., c.l., same basis. lb. .19¾- —
15, ordinary ivory sorts, bgs., c.l., same basis. lb. .07¼- —
16, inferior ivory sorts, bgs., c.l., same basis. lb. .03¾- —
17, pale fingers, bgs., c.l., same basis. lb. .19 - —
18, pale straw nubs, bgs., c.l., same basis. lb. .12⅞- —
19, pale straw nubs, bgs., c.l., same basis. lb. .11⅜- —
20, hard dark amber nubs, bgs., c.l., same basis. lb. .08¼- —
21, ordinary selected nubs, c.l., same basis. lb. .08½- —
22, small mixed nubs, bgs., c.l., same basis. lb. .06⅝- —
23, dark mixed nubs, bgs., c.l., same basis. lb. .07¼- —
24, No. 1, ivory nubs, bgs., c.l., same basis. lb. .14¾- —
25, No. 2 natural ivory nubs, bgs., c.l., same basis. lb. .06⅞- —
26, pale bold chips, bgs., c.l., same basis. lb. .06⅝- —
27, pale small chips, bgs., c.l., same basis. lb. .06½- —
28, pale dust, bgs., c.l., bgs., same basis. lb. .05¼- —
East India, Batu, bold scraped, bgs., c.l., same basis. lb. .06¼- —
unscraped, bgs., c.l., same basis. lb. .04 - —
chips, bgs., c.l., same basis lb. .03⅝- —
dust, bgs., c.l., same basis. lb. .03⅜- —
nubs and chips, bgs., c.l., same basis. lb. .03⅝- —
black, bold, scraped, bgs., c.l., same basis. lb. .06⅞- —
unscraped, bgs., c.l., same basis. lb. .04¼- —
nubs and chips, bgs., c.l., same basis. lb. .04¼- —
Hiroe, Macassar, pale, bold, bgs., c.l., same basis. lb. .13 - —
chips, bgs., c.l., same basis. lb. .06½- —
dust, bgs., c.l., same basis, lb. .03⅜- —
nubs, bgs., c.l., same basis. lb. .10¾- —
Singapore Rasak, bold, bgs., c.l., same basis. lb. .15⅝- —
chips, bgs., c.l., same basis, lb. .04⅜- —
dust, bgs., c.l., same basis. lb. .03⅝- —
nubs, bgs., c.l., same basis. lb. .10⅝- —
Manila, Boeas, amber and dark, bskts., c.l., same basis. lb. .14 - —
light, bskts., c.l., same basis. lb. .13½- —
Loba A, bskts., c.l., same basis. lb. .10½- —
B, bskts., c.l., same basis. lb. .09¾- —
C, bskts., c.l., same basis. lb. .09⅜- —
CNE, bskts., c.l., same basis. lb. .07⅝- —
D, bskts., c.l., same basis. lb. .08¾- —
DK, bskts., c.l., same basis, lb. .07⅝- —
DU, bskts., c.l., same basis, lb. .08⅝- —
dust, bskts., c.l., same basis. lb. .06½- —
Sambas and white split chips, bskts., c.l., same basis. lb. .14½- —
Singapore, dust, bskts., c.l., same basis. lb. .06⅝- —
spirit-soluble, CBB, bskts., c.l., same basis. lb. .08⅝- —
DBB, bskts., c.l., same basis, lb. .08⅝- —
MA, bskts., c.l., same basis, lb. .07¼- —
MB, bskts., c.l., same basis, lb. .06⅝- —
WS, bskts., c.l., same basis, lb. .08½- —
Philippine Manila, amber sorts, bskts., c.l., same basis. lb. .07⅝- —
chips, pale, bskts., c.l., same basis lb. .08⅝-
small, bskts., c.l., same basis. lb. .07¾- —
extra pale sorts, bskts., c.l., same basis. lb. .09½- —
nubs, bskts., c.l., same basis. lb. .11⅜- —
pale, scraped, bskts., c.l., same basis. lb. .11¾- —
seeds and dust, bskts., c.l., same basis. lb. .06½- —
Pontianak, bold, genuine, bgs., same basis. lb. .16 - —
mixed, bgs., c.l., same basis lb. .14 - —
chips, bgs., c.l., same basis. lb. .10¼- —
nubs, bgs., c.l., same basis. lb. .12⅝- —
split, bgs., c.l., same basis. lb. .15¼- —
Dammar, Batavia A, cs., c.l., same basis as copal. lb. .24 - —
A/D, cs., c.l., same basis. lb. .18⅞- —
A/E, cs., c.l., same basis. lb. .16¼- —
B, cs., c.l., same basis. lb. .22½- —
C, cs., c.l., same basis. lb. .18⅞- —
D, cs., c.l., same basis. lb. .16¼- —
dust, cs., c.l., same basis. lb. .06⅜- —
E, cs., c.l., same basis. lb. .08½- —
F, cs., c.l., same basis. lb. .06⅜- —
Singapore, 1, cs., c.l., same basis. lb. .21½- —
2, cs., c.l., same basis. lb. .16¼- —
3, cs., c.l., same basis. lb. .05⅝- —
chips, cs., c.l., same basis. lb. .12 - —
dust, cs., c.l., same basis. lb. .05⅝- —
seeds, cs., c.l., same basis. lb. .09¼- —
Gum, elemi, cns., c.l., same basis as copal. lb. .09⅝- —
Ester, dms., 75,000 lbs., dlvd. lb. .10 - —
c.l., single shipment, dlvd. lb. .10¼- —
l.c.l., dlvd. lb. .10½- —
Euphorbium, cs. lb. .17 - .18
Galbanum, cs. lb. .95 - 1.00
Gamboge, pipe, cs. lb. .58 - .59
powd., bbls. lb. .65 - .66
Ghatti, soluble, bgs. lb. .11 - .15
superior, bgs. lb. .09 - .11
Guaiac (see Guaiac resin).
Karaya XXX, bbls., bxs., dms. lb. .27 - .30
XX, bbls., bxs., dms. lb. .18 - .19
1, bbls., bxs., dms. lb. .12 - .13
2, bbls., bxs., dms. lb. .11 - .12
Kauri, brown, XXX, cs., c.l., lb. .60 - —
BX, cs., c.l., same basis. lb. .58 - —
B1, cs., c.l., same basis. lb. .28 - —
B2, cs., c.l., same basis. lb. .24 - —
B3, cs., c.l., same basis. lb. .18½- —
50% chips, cs., c.l., same basis. lb. .13⅜- —
pale, XXX, cs., c.l., same basis. lb. .61 - —
1, cs., c.l., same basis. lb. .41 - —
2, cs., c.l., same basis. lb. .24 - —
3, cs., c.l., same basis. lb. .17⅜- —
Kino, tins lb. 1.60 - 1.70
Mastic, cs., c.l., same basis as copal. lb. .57 - .58
Myrrh, USP, cs. lb. .42 - .45
Olibanum, siftings, cs. lb. .07½- .18
tears, cs. lb. .13 - .34
Opium (see O)
Rosin (see R)
Sandarac, cks, c.l., same basis as copal. lb. .33 - .35
Scammony, cs. lb. 1.10 - 1.15
Senegal, picked, bgs. lb. .27 - .29
sorts, bgs. lb. .14½- .15
Talha, bgs. lb. .07½- .08
Thus, bbls. 280 lbs. 13.75 -14.00
Tragacanth, Aleppo, 1, cs. lb. 2.75 - 3.00
2, cs. lb. 2.40 - 2.45
3, cs. lb. 2.35 - 2.40
4, cs. lb. 2.30 - 2.35
5, cs. lb. 2.25 - 2.30
Flake, bgs. lb. .50 - 1.00
Yacca, bgs., c.l., same basis as copal. lb. .03½- —
powd., bgs., c.l., same basis. lb. .04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald. ton. 21.15 - —
Medicine Lodge, Kans., frt. equald. ton. 17.60 - —
New Brighton, N. Y., frt. equald. ton. 27.15 - —
Southard, Okla., frt. equald. ton. 17.00 - —
Sweetwater, Tex., frt. equald. ton. 21.15 - —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald. ton. 12.50 - —
Blue Rapids, Kans., frt. equald. ton. 12.50 - —
New Brighton, N. Y., frt. equald. ton. 15.70 - —
Southard, Okla., frt. equald. ton. 12.50 - —
Sweetwater, Tex., frt. equald. ton. 12.50 - —
stucco, paper bgs., c.l., f.o.b. Acme, Texas; Blue Rapids, Kans., Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N.Y.; Oakfield, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald, ton. 8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y., Southard, Okla., frt. equald. ton. 12.00 - —
import, bgs., ex dock. ton. 27.50 - —

H

Heliotropin, crysc., cns. lb. 2.60 - 2.80
Helitone, white, root, powd., bbls. lb. .12 - .19
Helonias root, bls. lb. .65 - .67
Hematine crystals, bbls. lb. .18 - .24
Hemlock extract, 25% tan., bbls. lb. .03 - .03¼
Hempseed, Manchur, bgs. lb. .04¾- .05
Henbane leaves, bls. lb. .19 - .20
Henna leaves, bls. lb. .07 - .08
powd., bbls., bxs. lb. .10 - .11
Heptane, mixed, 77-115°C., dms., c.l., Group 3. gal. .12 - —
l.c.l., Group 3. gal. .16 - —
tanks, Group 3. gal. .08½- —
Heptane, normal, 86-100°C., dms., c.l., Group 3. gal. .13 - —
l.c.l., Group 3. gal. .17 - —
tanks, Group 3. gal. .10½- —
Hexalin, dms lb. .30 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3. gal. .13 - —
l.c.l., Group 3. gal. .17 - —
tanks, Group 3. gal. .10½- —
laboratory grade, dms., c.l., Group 3. gal. .16 - —
l.c.l., Group 3. gal. .25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C. lb. .35 - —
150 to 1,350 lbs. shipments, same basis. lb. .36 - —
USP, dms., 500 lbs. or more, shipments, same basis. lb. .46 - —
100 to 400 lbs. shipments, same basis. lb. .47 - —
Hexyl acetate, secondary, dms., c.l., frt. pd. E. of Rocky Mts. lb. .13 - —
l.c.l., same terms. lb. .13½- —
tanks, same terms. lb. .13 - —
Homatropine hydrobromide, bots., 50 ozs. oz. 13.00 - —
25 ozs. oz. 13.50 - —
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago. unit-ton. 3.50 - —
Hops, dom., 1936 crop, bls. lb. .46 - .51
import., 1936 crop, bls. lb. .55 - .70
Horehound, bls. lb. .07 - .08
Hydrangea root, bls. lb. .08 - .09
Hydrastine, bots., 4 ozs. oz. 17.25 - —
cns., 16 ozs. oz. 17.00 - —
Hydrochloride, bots., 4 ozs. oz. 17.25 - —
cns., 16 ozs. oz. 17.00 - —
Sulphate, bots., 4 ozs. oz. 19.25 - —
cns., 16 ozs. oz. 19.00 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works. lb. .30 - —
fib. ctns., works. lb. .40 - —
Hydrogen, peroxide, USP, bbls. lb. .08¾- .04
100 vols., cbys., E. of Miss. R. lb. .20 - —
W. of Miss. R. lb. .21 - —
Hydroquinone dealers, bbls., dms. lb. .90 - .94
Hyoscine hydrobromide, bots. oz. 18.00 -19.00
Hyoscyamine, bots. oz. 15.00 - —
Hydrobromide, bots. oz. 15.00 - —
Sulphate, bots. oz. 15.00 - —
Hypernic, liq., 51°, bbls. lb. .16 - .21
solid, bxs. lb. .18½- .20½

I

Iceland moss, bls. lb. .12 - .13
Ichthyol, bots. lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Bengal, bbls. lb. 2.40 - —
synth., liq., bbls. lb. .16½- .19
powd., bbls. lb. .74½- .85
Indol, CP, bots. lb. 34.00 -36.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs. lb. 1.15 - —
kgs, 150 lbs. lb. .90 - —
resubl., bots., 5 lbs. lb. 1.60 - —
jars, 50 lbs. lb. 1.50 - —
tincture, USP, bbls., 47 gals., gal. 1.65 - —
cbys., 5 gals. gal. 1.75 - —
mild, bbls., 47 gals. gal. .90 - —
cbys., 5 gals. gal. 1.00 - —
Iodoform., dms., 100 lbs. lb. 3.75 - —
jrs., 25 lbs. lb. 3.85 - —
Ionone, bots. lb. 1.30 - 4.65
Ipecac root, bgs. lb. 1.30 - 1.35
powd., bxs. lb. 1.45 - 1.50
Irish moss, ordinary, bls. lb. .11 - .12
powd., 80-90 mesh, bbls. lb. .24 - .32
prime, bleached, bls. lb. .19 - .20
Iron acetate, N. F., IV, cbys., 100 lbs. lb. .15 - —
IV, dms., 50 lbs. lb. .16 - —
Chloride, tech., cryst., bbls., kgs. lb. .05 - .06
USP, cryst., bbls., 500 lbs. lb. .07½- —
kgs., 100 lbs. lb. .08½- —
solut., USP, cbys., 130 lbs., lb. .06½- —
djns., 50 lbs. lb. .16 - —
Citrate, USP VIII, pearls, cns. lb. .72 - .75
powd., cns. lb. .84 - .87
scales, cns. lb. .77 - .80
Glycerophosphate, bbls., kgs., 1,000 lb. lots. lb. 2.87 - —
smaller lots. lb. 2.97 - —
cns., 25 lbs. lb. 3.09 - —
Hypophosphite, cns. lb. 1.55 - 1.60
Iodide, bots. lb. 2.85 - 3.00
syrup, djns. lb. .37 - .39
bots. lb. .52 - —
Nitrate, comi., kgs. lb. .05½- .06
Oxalate, powd., kgs. lb. .47 - —
cns. lb. .52 - —
scales, cns. lb. .88 - .88
Oxide (see Black, Red, etc)
Phosphate, ferric, pearls, cns., 50 lbs. lb. .54 - —
25 lbs. lb. .57 - —
scales, cns., 50 lbs. lb. .59 - —
25 lbs. lb. .62 - —
Ferrous, bbls., 200 lbs. lb. .35 - —
bxs., 25 lbs. lb. .40 - —
kgs., 100 lbs. lb. .37 - —
Pyrophosphate, pearls, cns. lb. .59 - .62
scales, cns. lb. .94 - .97
Reduced, 90%, cs. lb. .80 - .85
Iron, sulphate, tech. (see Copperas) USP, cryst., bbls., 275 lbs. lb. .04½- —
dms., 100 lbs. lb. .06½- —
Iron-ammonia citrate, brown, gran., cns. lb. .37 - .40
pearls, cns. lb. .37 - .40
scales, cns. lb. .47 - .50
Iron-ammonia citrate, green, gran., cns. lb. .37 - .40
pearls, cns. lb. .37 - .40
scales, cns. lb. .47 - .50
Oxalate, bxs. lb. .31 - —
fib., dms. lb. .24½- —
kgs. lb. .26½- —
Iron-potash oxalate, bbls. lb. .42 - —
kgs. lb. .44 - —
jars lb. .48 - —
Iron-soda oxalate, bxs. lb. .31 - —
fib., dms. lb. .24½- —
kgs. lb. .26¾- —
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works. lb. .48 - —
small lots, works lb. .55 - —
Isopropanol, see Alcohol, isopropyl.
Isopropyl acetate, dms., c.l., frt. pd. E. of Rocky Mts. lb. .07½- —
l.c.l., same terms. lb. .08 - —
tanks, same terms. lb. .06½- —
Alcohol (see Alcohol).
Ether, dms., c.l., works, frt. alld. E. of Miss R. lb. .07 - —
l.c.l. lb. .08 - —
tanks lb. .06 - —

J

Jaborandi leaves, bls. lb. .12 - .14
Jalap root, NF, bls. lb. .17 - .19
powd., bbls., bxs. lb. .20 - .21
Juniper berries, bgs. lb. .06½- .08

K

Kamala, tins. lb. .38 - .40
Kava kava root, bls. lb. .15 - .16
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks. gal. .05¾- .06
Gulf ports, p.w., bulk, export. gal. .04¾- .04⅞
w.w., bulk. gal. .05 - .05½
Louisiana - Arkansas, 41-43 w.w., bulk. gal. .04½- .04½
Oklahoma-Texas, 41-43 w.w., tanks. gal. .03¾- .04¼
42-44 w.w., tanks. gal. .04½- .04⅝
Pennsylvania, 45 w.w., tanks. gal. .04¾- —
46 w.w., tanks. gal. .04⅞- —
47 w.w., tanks. gal. .05 - —
Kerosene, tankwagon:—
Atlanta gal. .13 - —
Boston gal. .07½- —
Chicago gal. .101 - —
Cincinnati gal. .135 - —
Denver gal. .11½- —
Louisville gal. .10½- —
Minneapolis gal. .10½- —
New Orleans gal. .14 - —
New York gal. .07¾- —
San Francisco gal. .115 - —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$, bxs., c.l., ex vessel Atlantic, Gulf ports, duty pd. ton. No prices
Kola nuts, bgs. lb. .08 - .09

L

Lady slipper root, bls. lb. .45 - .46
Lanolin (see Adeps lanae).
Lard, city, tubs. 100 lbs. 13.00 -13.25
Middlewestern, trcs. 100 lbs. 12.55 -12.65
Neutral, trcs. 100 lbs. 13.75 -14.00
Western, choice, trcs. 100 lbs. 12.65 -12.75
Compound, trcs. 100 lbs. 12.75 -13.00
Larkspur seed, bgs. lb. .28 - .30
Laurel berries, bls. lb. .09 - .10
Leaves, Ital., bls. lb. .04½- .05
Lavender flowers, ordinary, bls. lb. .40 - .42
select, bls. lb. .55 - .60
Lead acetate, white, broken, bbls. lb. .13½- —
cryst., bbls. lb. .13½- —
gran., bbls lb. .14½- —
powd., bbls. lb. .14½- —
Arsenate, dms., dealers, E. of Rockies. lb. .11½- —
W. of Rockies. lb. .11½- —
1,000 lbs. or more, dealers dms., E. of Rockies. lb. .12 - —
W. of Rockies. lb. .11¾- —
less than 1,000 lbs., dealers, E. of Rockies. lb. .12½- —
W. of Rockies. lb. .12½- —
Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.
Blue, basic, sulphate, bbls., c.l., dlvd., E. lb. .07 - —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. lb. .07½- —
l.c.l., dlvd., E. lb. .07¾- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. lb. .07¾- —
Carbonate (see Lead, white)
Chloride, pure, bots., 5 lbs. lb. .62 - —
fib. dms., 25 lbs. lb. .49 - —
Iodide, N. F., V., powd., bots., 5 lbs. lb. 2.52 - —
jars lb. 2.40 - —
Linoleate, pale, precip., dms., lb. .19 - —
Metal (see daily quotations on market report)
Metallic, paste, 200-lb. cont., f.o.b. works. lb. .20 - —
5 lb. cont., f.o.b. works. lb. .25 - —
Nitrate, bbls. lb. .11 - .11½
Oleate, bbls. lb. .18½- .20
Peroxide, cns., works. lb. .46 - .47
Red, dry, 95% or less, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash. lb. .0875- —
other points. lb. .0850- —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash. lb. .09¼- —
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash. lb. .09⅝- —
Colo., Mont., N. Mex., Wyo. lb. .09½- —
other points. lb. .09 - —
smaller lots, dlvd., Ala., etc. lb. .09⅝- —
Ariz., etc. lb. .09¾- —
Colo., etc. lb. .09⅝- —
other points. lb. .09¾- —
smaller lots dlvd., Ala., etc. lb. .10 - —
Ariz. lb. .10½- —
Colo. lb. .10¾- —
other points. lb. .09¾- —
98%, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., etc. lb. .0925- —
other points. lb. .09 - —
l.c.l., 5 tons, dlvd. Ala., etc. lb. .09¾- —
Ariz., etc. lb. .10¼- —
Colo., etc. lb. .10 - —
other points lb. .09½- —
smaller lots, dlvd. Ala., etc. lb. .10¼- —
Ariz., etc. lb. .10¾- —
Colo., etc. lb. .10½- —
other points lb. .10 - —
in oil, steel kegs, 1,000 lbs. lb. .11¾- —
500 lbs. lb. .12 - —
smaller lots lb. .12¾- —
Resinate, fused, 16%, bbls. lb. .09½- —
pale, bbls. lb. .11½- —
precip., bbls. lb. .16½- —
Stearate, bbls. lb. .22 - .23
Sulphate (see lead, white, basic sulphate)
Titanate, bbls., c.l., f.o.b. works, frt. alld. lb. .12 - —
l.c.l., 5 tons, one delvy, dlvd., lb. .12¼- —
smaller lots. lb. .12½- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo. lb. .07¾- —
other points lb. .07¼- —
l.c.l. dlvd. Ariz., etc. lb. .08 - —
other points lb. .07¾- —
basic sulphate, bbls., c.l., dlvd. Ariz., etc. lb. .07¼- —
other points. lb. .07 - —
l.c.l., dlvd. Ariz., etc. lb. .07½- —
other points. lb. .07¼- —
in oil, 100-lb. kgs., 1,000 lbs., dlvd. lb. .11¾- —
500 lbs., dlvd. lb. .12 - —
smaller lots, dlvd. lb. .13 - —
Lemon peel, bls. lb. .09 - .10
Licorice extract, mass, cs. lb. .17 - .19
powd., bbls. lb. .27 - .28
Root, bls. lb. .04½- .06
powd., bbls, bxs. lb. .07 - .09
select, bndls., cs. lb. .17 - .18
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa. ton. 7.00 - —
Berkley, W. Va. ton. 7.00 - —
California, northern. ton. 11.80 - —
southern ton. 13.45 - —
Cedar Hollow, Pa. ton. 8.00 - —
Chicago ton. 7.25 - —
Crab Orchard, Tenn. ton. 6.25 - —
Dallas, Texas. ton. 8.50 - —
Durbin, Ohio ton. 6.50 - —
Eagle Mountain, Va. ton. 6.25 - —
Easton, La. ton. 7.00 - —
Farnams, Mass. ton. 7.50 - —
Gibsonburg, Ohio. ton. 7.00 - —
Hannibal, Mo. ton. 6.50 - —
Keystone, Ala. ton. 7.00 - —
Knoxville, Tenn. ton. 6.25 - —
Leroy, Minn. ton. 8.00 - —
Limedale, Ark. ton. 7.00 - —
Longview, Ala. ton. 6.25 - —
Marble Cliff, Ohio. ton. 6.50 - —
Marblehead, Ohio. ton. 7.00 - —
Martinsburg, W. Va. ton. 7.00 - —
Menominee, Mich. ton. 7.50 - —
Mitchell, Ind ton. 6.50 - —
Newala, Ala. ton. 6.25 - —
Petosky, Mich. ton. 8.00 - —

Lime, chemical (quicklime), lump or pebble, f.o.b. Port Island, Mich.....ton.	7.50	-	—
Rippleмead, Va. ....ton.	6.25	-	—
Riverton, Va. .....ton.	6.25	-	—
Scioto, Ohio .....ton.	6.00	-	—
Sheboygan, Wis. ....ton.	7.00	-	—
Sherwood, Wis.....ton.	7.50	-	—
Springfield, Mo. ....ton.	7.00	-	—
Woodville, Ohio.....ton.	7.00	-	—
Hydrated, paper bags, f.o.b. Bellefonte, Pa..ton.	8.50	-	—
Berkley, W. Va. ....ton.	8.50	-	—
Buffalo .....ton.	11.00	-	—
California, northern..ton.	15.30	-	—
southern .....ton.	13.95	-	—
Cedar Hollow, Pa....ton.	8.50	-	—
Chicago .....ton.	9.50	-	—
Crab Orchard, Tenn.ton.	9.00	-	—
Dallas, Tex. .....ton.	12.00	-	—
Durbin, Ohio .....ton.	8.00	-	—
Eagle Mountain, Va..ton.	8.50	-	—
Easton, La. .....ton.	9.00	-	—
Farnams, Mass. .....ton.	9.00	-	—
Gibsonburg, Ohio.....ton.	8.50	-	—
Hannibal, Mo. .....ton.	8.50	-	—
Keystone, Ala. .....ton.	9.00	-	—
Knoxville, Tenn....ton.	9.00	-	—
Limedale, Ark. ....ton.	9.00	-	—
Longview, Ala. ....ton.	9.00	-	—
Louisville, Ky. .....ton.	14.50	-	—
Marble Cliff, Ohio..ton.	8.00	-	—
Marblehead, Ohio....ton.	9.00	-	—
Martinsburg, W. Va.ton.	8.50	-	—
Milltown, Ind. .....ton.	12.50	-	—
Mitchell, Ind. .....ton.	9.00	-	—
Newala, Ala. .....ton.	9.00	-	—
Pelham, Ala. .....ton.	9.00	-	—
Petoisky, Mich. .....ton.	9.00	-	—
Port Island, Mich....ton.	9.00	-	—
Rapid City, S. D.....ton.	12.00	-	—
Rippleмead, Va. ....ton.	8.00	-	—
Riverton, Va. .....ton.	9.00	-	—
Scioto, Ohio.....ton.	8.00	-	—
Sherwood, Wis. ....ton.	9.00	-	—
Siluria, Ala. .....ton.	9.00	-	—
Springfield, Mo. ....ton.	9.00	-	—
Woodville, Ohio.....ton.	8.50	-	—
spray, paper bgs., f.o.b. Bellefonte, Pa...ton.	9.00	-	—
Durbin, Ohio .....ton.	9.00	-	—
Farnams, Mass.....ton.	9.00	-	—
Gibsonburg, Ohio....ton.	11.00	-	—
Marble Cliff, Ohio....ton.	11.00	-	—
Marblehead, Ohio....ton.	11.00	-	—
Mitchell, Ind. .....ton.	9.00	-	—
Scioto, Ohio .....ton.	9.00	-	—
Sherwood, Wis. ....ton.	9.00	-	—
Woodville, Ohio.....ton.	11.00	-	—
Lime salts (see Calcium)			
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb.	.07½	-	.08½
dms., same basis.....lb.	.10½	-	—
400 lbs., or more, bgs., same basis..lb.	.07½	-	.08¾
dms., same basis.....lb.	.11	-	—
less than 400 lbs., same basis, lb.	.08½	-	.09½
dms., same basis.....lb.	.12	-	—
solution, dms., consumer, c.l., works, fr't all'd..gal.	.13½	-	.16½
dealer, fr't all'd.....gal.	.13	-	.16
l.c.l., consumer, fr't all'd, gal.	.15	-	.18
dealer, fr't all'd.....gal.	.14	-	.17
tanks, consumer, divd...gal.	.11½	-	—
dealer, divd.....gal.	.11	-	—
Linalool, cns.....lb.	1.90	-	2.10
Linalyl acetate, cns., 25 lbs...lb.	1.70	-	2.45
Linden flowers, with leaves, bls.lb.	.16	-	.17
without leaves, bls.....lb.	.17	-	.18
Linseed cake, bgs., export....ton.	28.50	-	—
Meal, 32%, dom., bgs.....ton.	38.00	-	—
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash..lb.	.0775	-	—
other points.....lb.	.0750	-	—
5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash....lb.	.08¼	-	—
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb.	.08¾	-	—
Colo., Mont., N. Mex., Wyo..lb.	.08½	-	—
other points.....lb.	.08	-	—
smaller lots, dlvd., Ala., etc..lb.	.08¾	-	—
Ariz., etc.....lb.	.09¼	-	—
Colo., etc.....lb.	.09	-	—
other points.....lb.	.08½	-	—
Lithium bromide, jars, 25 lbs. lb.	1.70	-	1.75
Carbonate, bbls., 250 lbs....lb.	1.25	-	—
kgs., 100 lbs.....lb.	1.30	-	—
Chloride, jars, 25 lbs.....lb.	1.65	-	1.70
Citrate, bbls., 250 lbs.....lb.	1.40	-	—
5lb dms., 25 lbs.....lb.	1.45	-	—
kgs., 100 lbs.....lb.	1.40	-	—
Iodide, bots., 5 lbs.....lb.	4.85	-	—
jars, 25 lbs.....lb.	4.70	-	—
Fluoride, bbls.....lb.	2.10	-	2.00
Lithopone, dom., high-strength, bgs., 20 tons, dlvd. E. or ex whse. Pac. Cst.....lb.	.05½	-	—
smaller lots, same basis.lb.	.06¼	-	—
bbls., 20 tons, same basis, lb.	.06½	-	—
smaller lots, same basis.lb.	.06¾	-	—
ordinary, bgs., 20 tons, same basis..lb.	.04½	-	—
smaller lots, same basis.lb.	.04¾	-	—
bbls., 20 tons, same basis, lb.	.04¾	-	—
smaller lots, same basis.lb.	.04¼	-	—
titanated, bgs., 20 tons, same basis..lb.	.05½	-	—
smaller lots, same basis.lb.	.06¼	-	—
bbls., 20 tons, same basis, smaller lots, same basis.lb.	.06¾	-	—
lb.	.06¼	-	—
Liverwort leaves, bls.....lb.	.18	-	.19
Lobelia herb, bls.....lb.	.12	-	.13
Seed, bgs.....lb.	.35	-	.36
Logwood extract, cryst., bbls..lb.	.18	-	.22
liquid, 51°, bbls.....lb.	.09½	-	.11½
solid, bxs.....lb.	.15	-	.19
Sticks, Haitian, shipt.....ton.	24.00	-	25.00
Lovage root, dom., bls.....lb.	.55	-	.65
import, bls.....lb.	.35	-	.37
Lupulin, N E., tins.....lb.	1.75	-	2.00
Lycopodium, cs.....lb.	1.40	-	1.45

M

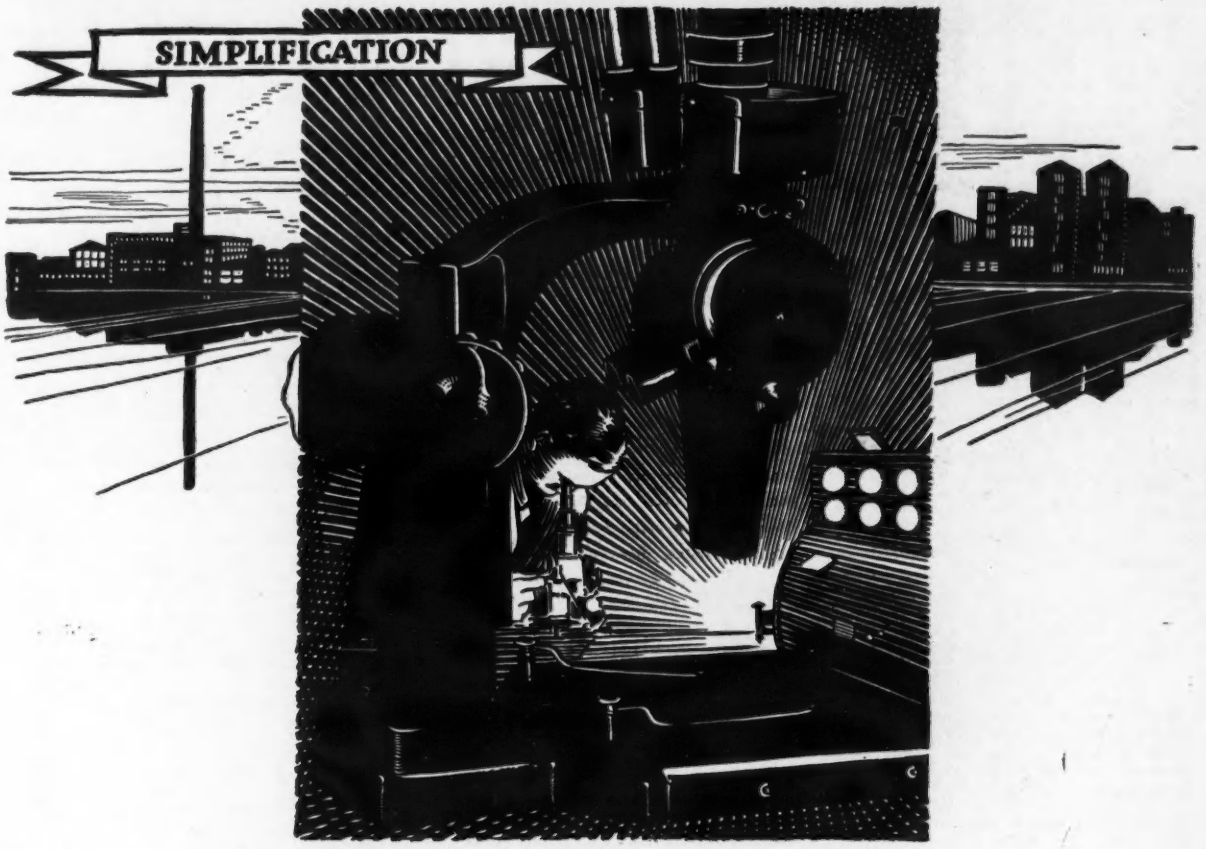
Mace, Banda, cs.....lb.	.57	-	.58
Batavia, cs.....lb.	.48	-	.49
Slauw, 1, cs.....lb.	.52	-	.53
Madder, Dutch, bgs.....lb.	.22	-	.26
Magnesia, arsenate, cs., dms..lb.	.18	-	.20
Calcined, dom., four-hour, including activator, ctns., 10,000 lbs. or over, f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb.	.27	-	—
1,000-10,000 lbs., same basis..lb.	.28½	-	—
less than 1,000 lbs., same basis..lb.	.30	-	—
Magnesia, tech., heavy, bbls., f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb.	.28	-	—
1-lb. pkgs., same basis.lb.	.38	-	—
light, bbls., same basis.lb.	.28	-	—
1-lb. tins, same basis.lb.	.33	-	—
USP, heavy, bbls., same basis. lb.	.30	-	—
1-lb. pkgs., same basis.lb.	.40	-	—
special, bbls., same basis. lb.	.27	-	—
super light, bbls., same basis..lb.	.30	-	—
calcined, USP, import., heavy, pharm., bbls..lb.	.50	-	—
light, extra, bbls.....lb.	.36	-	.40
standard, bbls.....lb.	.30	-	—
Carbonate, tech., Zone 1, bgs., c.l..lb.	.06¼	-	—
l.c.l. .....lb.	.07	-	—
bbls., c.l.....lb.	.07¼	-	—
l.c.l. .....lb.	.08	-	—
kgs., c.l.....lb.	.08¾	-	—
l.c.l. .....lb.	.09½	-	—
Zone 2, bgs., c.l.....lb.	.06	-	—
l.c.l. .....lb.	.06½	-	—
bbls., c.l.....lb.	.07	-	—
l.c.l. .....lb.	.07½	-	—
kgs., c.l.....lb.	.08¼	-	—
l.c.l. .....lb.	.09	-	—
USP, Zone 1, bbls., c.l....lb.	.06¼	-	—
l.c.l. .....lb.	.09	-	—
kgs., c.l.....lb.	.09¾	-	—
l.c.l. .....lb.	.10¼	-	—
Zone 2, works, bbls., c.l..lb.	.06	-	—
l.c.l. .....lb.	.06½	-	—
kgs., c.l.....lb.	.09½	-	—
l.c.l. .....lb.	.10	-	—

Zone 1:—Mass., Conn., R. I., N. Y., N. J., Pa., Del., and Md. C.l. shipm'ts, full fr't alld. up to, but not exceeding, 25c. per 100 lbs., actually paid by customers. On l.c.l. shipm'ts., frt. alld., including dlvd. store-door. Zone 2:—Balance of U.S.

Magnesia, chloride, flake, dom., bbls., works..ton.	39.00	-	42.00
Hypophosphite, cns., 100 lbs..lb.	1.45	-	—
25 lbs.....lb.	1.50	-	—
Oxide (see Calcined)			
Palmitate, bbls.....lb.	.33		Nom.
Peroxide, 15%, dms., works..lb.	1.00	-	1.95
Silicate (see Talc)			
Silicofluoride bbls.....lb.	.09½	-	.10½
Stearate, bbls., ctns., c.l....lb.	.21	-	—
1 ton .....lb.	.22	-	—
1,000-2,000 lbs.....lb.	.23	-	—
smaller lots.....lb.	.24	-	—
Sulphate (see Epsom salt)			
Magnesite, cal., import, bbls. ton.	60.00	-	65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash....ton.	25.00	-	—
Malva flowers, black, bls.....lb.	.40	-	.42
Blue, bls.....lb.	.45	-	.50
Leaves, bls.....lb.	.11	-	.12
Manaca root, bls.....lb.	.20	-	.21
Mandrake root, bls.....lb.	.13	-	.14
Manganese acetate, dms.....lb.	.28½	-	—
Arsenate, bgs.....lb.	.12	-	.13½
Borate, tech., bbls.....lb.	.15	-	.16
Carbonate, bbls.....lb.	.21	-	.23
Chloride, bbls.....lb.	.09	-	—
Dioxide, Caucasian, 85-90%, csks., c.l., works..ton.	51.50	-	—
l.c.l., 5 tons, works..ton.	54.50	-	—
smaller lots, works.ton.	59.50	-	—
burlap bgs., c.l., works.ton.	49.50	-	—
l.c.l., 5 tons, works..ton.	52.50	-	—
smaller lots, works.ton.	57.50	-	—
paper bgs., c.l., works.ton.	47.50	-	—
l.c.l., 5 tons, works.ton.	50.50	-	—
smaller lots, works.ton.	55.50	-	—
Glycerophosphate, bbls., kgs., 1,000-lb. lots..lb.	2.61	-	—
smaller lots.....lb.	2.71	-	—
cns., 25 lbs.....lb.	2.83	-	—
solut., djms., 1,000 lbs. lots, lb.	.61	-	—
smaller lots.....lb.	.71	-	—
cns., 25 lbs.....lb.	.81	-	—

Lime—Mercurial Oint.

Manganese, hydrate, bbls., dlvd., lb.	.32	-	—
Iodide, bots., 5 lbs.....lb.	5.25	-	
jars, 25 lbs.....lb.	5.10	-	
Linoleate, liquid, 4%, dms...lb.	.18	-	.19½
solid, precip., 8.2%, bbls....lb.	.19	-	-
Ore, 50-52%, basis, bbls., c.l. Atl. ports..unit-ton.	.40		Nom.
Resinate, fused, 3½%, bbls..lb.	.08¼	-	.08¾
precip., dms.....lb.	.12	-	-
Sulphate, anhyd., bbls., works, lb.	.07	-	.07½
crvst., 65% $MnSO_4$, bgs., c.l., dlvd. South..ton.	48.75	-	—
l.c.l., bgs.....ton.	55.75	-	—
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory unit-ton.	.75	-	—
l.c.l., 5 tons, works...lb.	.08¾	-	—
smaller lots, works..lb.	.04		-
Mangrove bark, bgs., shipt..ton.	25.50	-	26.00
Manna, flake, large, cs.....lb.	.32	-	.33
small, cs.....lb.	.18	-	.19
Mannitol, pure, cryst., cs., works, lb.	1.48	-	—
Marble flour, bgs.....ton.	12.00	-	14.00
Marjoram, French, bbls.....lb.	.18	-	.18½
Tunisan, bls.....lb.	.17	-	.17½
Matico leaves, bls.....lb.	.28	-	.30
Menthol, U.S.P., natural, cs..lb.	3.20	-	3.30
synthetic, tech., cs.....lb.	2.25	-	—
U.S.P., cs.....lb.	3.25	-	—
liquid, dms., 40 lbs.....lb.	1.60	-	—
Menthyl salicylate, tins, 100 lb. lots..lb.	3.00	-	—
25 lb. lots.....lb.	3.10	-	—
Mercurial ointment, 30%, pails, 50 lbs.....lb.	.87	-	—
25 lbs.....lb.	.89	-	—
50%, pails, 50 lbs.....lb.	1.26	-	—
25 lbs.....lb.	1.28	-	—



PARAMET ESTEROLS

The line of Esterols includes those of pure alkyd type as well as those modified with phenolic and other bodies to suit specific requirements. The Esterols, both pure and modified, are manufactured by exclusive Paramet processes, which insure uniformity and large scale production, under adequate control to meet rigid specifications. The Esterols are available in sufficient variety and grades to take care of all applications. They are produced in both the plastic and the filtered solution form.

Applications include nitrocellulose lacquers, quick air drying finishes, white low temperature baking enamels, baking and air drying primers, architectural, interior and exterior coatings, shelf goods, outdoor furniture and porch enamels, exterior maintenance paints, pump, bus, truck and tank car finishes durable to weathering, blending and aluminum vehicles, exterior paints, high temperature white baking enamels of excellent color retention and non-yellowing characteristics, with good lustre, adhesion and flexibility, general industrial coatings, undercoats, primers and sealers as well as other media applied by spraying, brushing, roller coating or dipping.

A competent technical staff invites your inquiries.

The complete line includes:
Paranol Modified Phenolics
Paradura Pure Phenolics
Paramet Ester Gum
S & W Naturals

STROOCK & WITTENBERG Corporation

17 BATTERY PLACE • NEW YORK, N.Y.

PARAMET SYNTHETICS AND S-W NATURALS

"Only time will tell"

Are you getting your copy of **RESIN NEWS** *Regularly?*

Mercury—Oil, Lubricating

Mercury (see Quicksilver).
Bichloride (see Corrosive sublimate).
Bisulphate, bots., 5 lbs.....lb. 1.81 - —
fib., dms., 100 lbs.....lb. 1.68 - —
jars, 25 lbs.....lb. 1.70 - —
Chloride (see Calomel).
Mercury, iolide, red, N.F., bots., 5 lbs..lb. 3.67 - —
cns., 25 lbs.....lb. 3.55 - —
fib. dms., 100 lbs.....lb. 3.55 - —
yellow, bls., 5 lbs.....lb. 3.67 - —
cns., 25 lbs.....lb. 3.65 - —
fib. dms., 100 lbs.....lb. 3.65 - —
Nitrate ointment (see Citrine ointment)
Oxide red, N.F. (see Red precipitate)
Tech. (Red. mercury oxide).
Yellow, dom., tech., bbl....lb. 1.59 - 1.60
USP, fib. dms.....lb. 2.01 - 2.03
Mercury and chalk, ctns., 5 lbs., lb. 1.22 - —
fib., dms., 25 lbs.....lb. 1.10 - 1.12
Mesityl oxide, cns., works.....lb. .25½- .27½
dms., c.l., works.....lb. .21 - —
l.c.l., works.....lb. .21½- —
tanks, works.....lb. .20 - —
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
Composition, 5½x5½ in.pkg. 1.70 - 1.80
Gold.XX deep,3⅜x3⅜ in.pkg.14.25 -14.75
3⅜x3⅜ in.....pkg.15.50 -16.50
4x4 in.....pkg.18.50 -19.00
3⅝x5⅞ in.....pkg.21.50 -22.00
3⅞x5⅞ in.....pkg.23.50 -24.00
Silver, 3⅜x3⅜ in.....pkg. 2.25 - 2.35
Metanitroaniiin, kgs.....lb. .67 Nom.
Metanitroparatoluidin, bbls....lb. 1.45 - —
Metaphenylenediamine, kgs....lb. .80 - —
Metatoluylenedaimine, kgs....lb. .65 - —
Methanol, denat. grade, dms., c.l., frt. alld., E. of Rockies..gal. .44 - —
tanks, frt. alld., E. of Rockies..gal. .38 - —
pure, nat'l or synth., dms., c.l., Zone 1, frt. alld..gal. .38 - —
2, frt. alld.....gal. .41 - —
3, frt. alld.....gal. .42 - —
4, frt. alld.....gal. .44 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40½- —
2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .44½- —
4, frt. alld. or dlvd..gal. .60 - —
tanks, Zone 1, frt. alld..gal. .33 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .36½- —
4, frt. alld.....gal. .37 - —
95%, 2c. less than pure, all zones, frt. alld.
97%, 1c. less than pure, all zones, frt. alld.

Methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 99%, dms., c.l.; frt. alld. E. of Rockies..lb. .16 - —
W. of Rockies.....lb. .16½- —
l.c.l., frt. alld. E. of Rockies..lb. .17 - —
W. of Rockies.....lb. .17½- —
82%, dms., c.l., frt. alld. E. of Rockies..lb. .13 - —
W. of Rockies.....lb. .13½- —
l.c.l., frt. alld. E. of Rockies..lb. .14 - —
W. of Rockies.....lb. .14½- —
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Methyl acetone, nat., dms., c.l., contracts, Zone 1..gal. .39 - —
2, ...gal. .42 - —
3, ...gal. .43 - —
4, ...gal. .45 - —
tanks, contracts, Zone 1.gal. .33 - —
2 .....gal. .35½- —
3 .....gal. .36½- —
4 .....gal. .37 - —

Methyl acetone, natural, prices are quoted for direct shipment from refinery f.o.b. shipping point, freight allowed to destination; barrel packing, 2½c. per gal. more, in all brackets. The sale zones are: Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies..gal. .42 - —
2, frt. alld. E. of Rockies. gal. .45 - —
3, Pacific coast.....gal. .46 - —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .44½- —
Zone 2, frt. alld. E. of Rockies..gal. .51 - —
3, Pacific Cst.....gal. .48½- —
tanks, Zone 1, frt. alld. E. of Rockies..gal. .36 - —
2. ft. alld. E. of Rockies. gal. .38½- —
3, Pacific Coast.....gal. .39½- —

Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific Coast.

Alcohol (see Methanol).
Anthranilate, bots.....lb. 1.95 - 2.05
Benzoate, cns, 25 lbs.....lb. .70 - 1.00
Chloride, refrigeration, 500 lbs. and up, machine mfrs. and jobbers, cylinders.lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 499 lbs, cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —

Methyl chloride prices are spot or contract, effective Juy 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 130 lbs. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.

Cinnamate, bots.....lb. 3.00 - 3.75
Formate, dms.....lb. .35 - .36
Iodide, bots., jars.....lb. 5.80 - 5.85
Salicylate, dms.....lb. .40 - .43
tins.....lb. .42 - .45
Violet toner, bbls. (500 lbs.)..lb. .40 - —
smaller lots.....lb. .42 - —
permanent, bbls.....lb. .80 - —
Methylbutyl ketone, dms., c.l., irr. pd. E. of Rocky Mts.lb. .11½- —
l.c.l., same terms.....lb. .12 - —
tanks, same terms.....lb. .10½- —
Methylene, blue, medicl., kgs, 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Methylene chloride, dms., f.o.b. works..lb. .18 - .22
Methylheptenone, bots.....lb. 2.50 - 3.00
Methylheptin carbonate, bots..lb.27.50 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., c.l. wks..gal. .76 - —
l.c.l wks.....gal. .80 - —
tanks, wks.....gal. .70 - —
Methylpropyl carbinol (see Carbinol).
Methylpropyl ketone, dms., c.l., lb. .16 - —
l.c.l. .....lb. .20 - —
tanks .....lb. .15 - —
Metronite pigment, 120 mesh, containers, extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh, containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.13.00 - —
250 mesh, containers, extra, c.l., same basis..ton.13.00 - —
l.c.l., same basis.....ton.15.00 - —
325 mesh, containers extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis.....ton.20.00 - —
Mica, dry-grd., plastic, No. 100, 40 mesh, bgs.,c.l., works.ton.35.00 - —
l.c.l., works.....ton.43.75 - —
second grade, bgs., c.l., works..ton.33.00 - —
l.c.l., works.....ton.41.25 - —
250, 100 mesh, bgs., c.l., works..ton.40.00 -50.00
l.c.l., works.....ton.50.00 -60.00
second-grade, bgs., c.l., works..ton.23.90 -30.00
l.c.l., works.....ton.29.90 -47.50
800, 140 mesh, bgs., c.l., works..ton.50.00 - —
l.c.l., works.....ton.62.50 - —
roofing, bgs., c.l., works..ton.28.50 -30.00
l.c.l., works.....ton.30.00 -37.50
wet-ground, paint, oil or lacquer, bgs., c.l., dlvd. E....lb. .04¼- —
l.c.l., works.....lb. .04½- —
water, bgs., c.l., dlvd. E..lb. .04 - —
l.c.l., works.....lb. .04 - —
paper, wall or coated, bgs., c.l., frt. alld., E..lb. .03¾- —
l.c.l., 2,000 lbs., frt. all., E..lb. .04¼- —
smaller lots, frt. alld., E..lb. .04¾- —
rubber, bgs., c.l., frt. alld., E..lb. .03½- —
l.c.l., 2,000 lbs., ft., alld., E..lb. .04 - —
smaller lots, frt. alld., E..lb. .04½- —
wet-ground mica prices are ½c. per pound higher on Pacific coast.
Milk powder, skimmed, roller, bbls., c.l...lb. .07½- —
l.c.l. .....lb. .08½- —
spray, bbls., c.l.....lb. .08½- —
l.c.l. .....lb. .09½- —
unskimmed, roller, bbls., c.l..lb. .17 - —
l.c.l. .....lb. .17½- —
spray, bbls., c.l.....lb. .17 - —
l.c.l. .....lb. .17½- —
Millet seed, bgs.....lb. .03¾- .03¾
hulled, bgs.....lb. .06½- .07
Mineral spirits (see Petroleum thinner and V. M. & P. naphtha).
Molasses, blackstrap, tanks..gal. .07¼- —
New Orleans.....gal. .07 - —
Molybdate orange (see Orange, molybdate).
Molybdenum metal, kgs., 99% powd..lb. 2.50 - 2.75
Monoamylamine, dms., c.l., wks. lb. .52 - —
l.c.l., works.....lb. .55 - —
Monochlorobenzene, dms.....lb. .06 - .08½
Monoethanolamine, dms., c.l., works..lb. .26 - —
l.c.l., dms .....lb. .27 - —
tanks .....lb. .25 - —
Monoethylaniiin, dms.....lb. .77 Nom.
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots., 5 ozs., oz.10.75 - —
cns., 25 ozs.....oz.10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Mullein flowers, cns.....lb. .85 - .90
Leaves, bls.....lb. .07 - .08
Musk, nat., Tonquin, grained, bots..oz.21.00 -22.00
pods, caddies, 20 ozs. ..oz.19.00 -21.00
synth., ambrette, cns., 100 lbs. or more..lb. 3.90 - —
5 lbs. to 75 lbs.....lb. 4.20 - —
1 lb.....lb. 4.35 - —
synth., ketone, cns., 100 lbs. or more..lb. 4.05 - —
5 lbs. to 75 lbs.....lb. 4.35 - —
1 lb.....lb. 4.50 - —
Xylol, cns., 100 lbs. or more lb. 1.15 - —
5 lbs. to 75 lbs.....lb. 1.25 - —
1 lb.....lb. 1.40 - —
Musk root, bls.....lb. .09 - .10
Mustard seed, Bombay, brown, bgs..lb. .05 - .05½
California, brown, bgs.....lb. .07½- .08
yellow, bgs.....lb. No stocks
Chinese, yellow, bgs.....lb. .05¾- .06¼
Danish, yellow, bgs.....lb. .07½- .08
Dutch, yellow, bgs.....lb. .07½- .08
English, yellow, bgs.....lb. .08¼- .09
Hungarian, yellow, bgs....lb. .07 - .07½
Roumanian, yellow, bgs....lb. .05⅝- .05¾
Myrobalans, J1, bgs., shipt..ton27.00 - —
J, bgs., shipt.....ton.19.50 - —
R2, bgs., shipt.....ton.19.00 - —
Extract, liquid, 25%, bbls....lb. .04¼- .05¼

N

Naphtha hydrogenated (see Petroleum naphtha, high solvency).
Painters' (see Petroleum naphtha, V.M.&P.)
Solvent (see S).
Naphthalene, crude, dom., 74 deg., works..100 lbs. 2.50 - 2.75
import., bgs., Atlantic ports, 100 lbs. 2.25 - 2.50
78 deg., dom., bgs., works, 100 lbs. 3.00 - 3.25
import, bgs., Atl. ports, 100 lbs. 2.75 - 3.00
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works..lb. .07¼- —
jobbers, cs., same basis.. lb. .07½- —
pkgs. (16 oz.), same basis. lb. .08 - —
(12 oz.) same basis..pkg. .06½- —
chipped, crushed, bbls., same basis..lb. .06¼- —
rice, cryst., powd., bbls., same basis..lb. .07¼- —
Nerolin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls.....lb. .36 - .37½
Chloride, bbls.....lb. .18 - .20
Oxide, black, bbls.....lb. .35 - .38
Salt, double, bbls.....lb. .13 - .13⅜
single, bbls.....lb. .13 - .13⅜
Nicotine sulphate, 40%, dms., works, frt. alld.lb. .76 - —
10-lb. tins.....lb. .86½- —
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., l.c.l..lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07½- —
Nitrocellulose, alcohol-soluble, ⅛, and 40, sec. vis., bbls., works..lb. .28 - —
bronsing, 30, 40, 70 sec. vis., bbls., works..lb. .29 - —
Nitrocellulose, ester-soluble, ¼, ½, 5-6, 15-20 sec. and higher vis., bbls., contract, c.l., 18,000 lbs. dry weight, works..lb. .22 - —
10,000 lbs.....lb. .25 - —
spot, bbls., works.....lb. .26 - —
lacquer, 20-30 and 60-80 sec. vis., bbls., works.....lb. .29 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.

Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports..unit-ton. 1.04 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk., f.o.b. Carrollville Wis. Sept.-Dec. dlvd.unit-ton. 2.90 - 3.00
Chemical, Ill...unit-ton. 2.85 - —
Gulf Coast producing points..unit-ton. 3.10 - 3.25
import., bgs., c.i.f. Atlantic ports, ship..unit-ton. 3.25 - 3.35
Nitronaphthalene, bbls.....lb. .24 - .25
Nitrotoluene, mixed, dms.....lb. .10½- .11
Nutgalls, Aleppo, ogs., cs.....lb. .20 - .23
Chinese, shipmt., cs.....lb. .20 - .23
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs.....lb. .19½- .19¾
110s, bgs., cs.....lb. .17 - .17½
West Indian, bgs.....lb. .14½- .14¾
Nux vomica, bls.....lb. .06 - .07
powd., bbls., bxs.....lb. .06½- .07

O

Oakbark extract, 25% tan., bbls., c. l., works..lb. .03½- —
l.c.l., bbls., works.....lb. .03¾- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.3..gal. .13 - —
l.c.l., G.3.....gal. .15 - —
tanks, G.3.....gal. .10½- —
Octyl acetate, dms., c.l.,works.lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works .....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. 2.75 - 3.00
s.p.a., bots.....lb. 3.00 - 3.25
sweet, true, exp., cns.....lb. .95 - 1.00
Amber, crude, cns.....lb. .16 - .17
refd., cns .....lb. .45 - .46
Amyris, cns.....lb. 3.00 - 3.25
Angelica root, bots.....lb.64.00 -75.00
Seed, bots.....lb.70.00 -80.00
Aniiin (see A).
Anise, USP, cns., dms.....lb. .70 - .75
Apricot kernel, cns.....lb. .80 - .85
Babassu, tanks, futures.....lb. .08¼- .08½
Bay, W. I., cns.....lb. 1.50 - 1.70
Bergamot, artif., cns.....lb. 1.25 - 1.30
natural, coppers.....lb. 3.70 - 3.80
Betuls (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms.....lb. .14 - .17
rectif'd., cns.....lb. .70 - .75
Bois de rose, Brazil, cans..lb. 1.25 - 1.35
Cayenne, cns.....lb. 2.75 - 3.00
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. .56 - .57
USP IX, cns.....lb. .71 - .88
Calamus, cns.....lb. 5.50 - 5.75
Camphor, sassafrassy, cns...lb. .22 - .23
dms. .....lb. .19 - .20
white, cns. .....lb. .21 - .22
dms. .....lb. .18 - .19
Canaiga, native, cns.....lb. 1.75 - 2.25
rectified, cns.....lb. 3.00 - 3.25
Capsicum (oleoresin), USP VIII, cns..lb. 2.00 - 2.25
Caraway, USP, cns.....lb. 2.10 - 2.25
Cardamom, bots.....lb.20.00 -38.00
Cassia, USP, cns., dms.....lb. 1.00 - 1.05
Castor, blown, one-way dms., c.l..lb. .12¼- —
l.c.l. .....lb. .13 - —
medicinal, bbls., c.l.....lb. .10¾- —
l.c.l. .....lb. .11½- —
cns. (1-gal), l.c.l.....lb. .14½- —
dms. (returnable), c.l....lb. .10½- —
l.c.l. .....lb. .11¼- —
(5-gal.), l.c.l.....lb. .12½- —
tanks .....lb. .10 - —
No. 3, bbls., c.l.....lb. .10¼- —
l.c.l. .....lb. .11 - —
dms. (returnable), c.l..lb. .10 - —
l.c.l. .....lb. .10¾- —
tanks .....lb. .09½- —

Castor oil, med. and No. 3, prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.

sulphonated, 55% (48% fat), dms., c.l..lb. .08 - —
l.c.l. .....lb. .08¼- —
75% (63% fat), dms., c.l..lb. .11½- —
l.c.l. .....lb. .12 - —
80% (68% fat), dms., c.l..lb. .12½- —
l.c.l. .....lb. .13 - —
Cedarleaf, cns.....lb. 1.00 - 1.15
dms. .....lb. .95 - 1.10
Cedarwood, Oregon, cns., dms., lb. .28 - .30
Southern, cns., dms.....lb. .24 - .26
Celery, bots.....lb.10.50 -12.50
Chaulmoogra, USP, cns, 500 lbs..lb. .90 - —
25 lbs.....lb. 1.00 - —
Chinawood, dms., Atlantic Cst. lb. .12¾- .13
tanks .....lb. .1180-.1200
Cinnamon, Ceylon, bots.....lb. 8.00 -22.00
Seychelle, bots .....lb. 6.50 - 7.50
Citronella, Ceylon, cns.....lb. .42 - .44
dms. .....lb. .40 - .42
Java, dms.....lb. .45 - .48
Clove, makers, USP, cns....lb. 1.17 - —
dms. .....lb. 1.15 - —
Coconut, Manila, crude October forward, tanks..lb. .05¼- —
Pac. Cst.....lb. .05 - —
edible, 76°, tax incl., dms (returnable), c.l..lb. .11 - —
l.c.l. .....lb. .11½- —
tanks .....lb. .10½- —
Cod, Newfoundland, tanked, bbls..gal. .52 Nom.
Norwegian, shipt. bbls.....gal. .40 Nom.
Codliver, med., USP, Norwegian, bbls..bbl.25.00 -27.00
for feed purposes, not USP, dms..gal. .50 - .65
Coriander, bots.....lb.19.00 -20.00
Oil, corn, crude, tanks, works..lb. .08¾ Nom.
refd., bbls.....lb. .11 - .11¼
Cottonseed, dom., cooking, bbls. lb. .10¾- —
salad, bbls.....lb. .10½- —
import., Brazilian semi-refd., dms..lb. .06¼ Nom.
British, semi-refd., dms...lb. .07¼ Nom.
Creosote (see C).
Croton, USP, cns.....lb. 1.30 - 1.35
Cubeb, USP, cns.....lb. 2.85 - 3.10
Crude (see Petroleum, crude).
Cumin, bots.....lb. 8.50 -10.00
Cypress, dom., bots.....lb. 5.25 - 5.30
import., cns.....lb.12.00 -12.25
Degras (see D)
Diesel, Bayonne, bulk.....bbl. 2.20 - —
California, 27 plus, bulk..bbl. 1.00 - 1.25
Dill seed, bots.....lb. 3.15 - 3.50
Weed, bots.....lb. 6.00 - 5.50
Dip (See D):—
Erigeron, cns.....lb. 1.75 - 1.80
Eucalyptus, cns.....lb. .46 - .54
dms. .....lb. .44 - .51
Fennel, sweet, cns.....lb. 1.10 - 1.15
Fuel, bunker, California, tide-water..bbl. .85 - .95
Gulf Coast.....bbl. 1.00 - 1.05
Louisiana - Arkansas, 10-14, bbl. .65 - .75
N. Y. and N. J. terminals:—
Monday .....bbl. 1.35 - 1.50
Tuesday .....bbl. 1.35 - 1.50
Wednesday .....bbl. 1.35 - 1.50
Thursday .....bbl. 1.35 - 1.50
Friday .....bbl. 1.35 - 1.50
Saturday .....bbl. 1.35 - 1.50
North Texas, 18-22.....bbl. .80 - .85
24-28, zero cold test..bbl. .95 - 1.05
Oklahoma, 18-22.....bbl. .85 - .90
24-28, zero cold test...bbl. 1.07½- 1.12½
24-28, 15 and above...bbl. .90 - .95
Pennsylvania, 36-40....gal. .04⅝- .04½
Furnace, Bayonne, 1, bulk, refinery..gal. .03 - —
2, bulk, same basis.....gal. .04⅜- .03½
3, bulk, same basis.....gal. .04⅜- .05½
4, bulk, same basis.....gal. .04⅝- .04⅞
Louisiana - Arkansas, 32-36, light straw.....gal. .03⅛- .04
Oklahoma, 28-30.....gal. .03¼- .03½
32-36 .....gal. .03½- .03⅝
36-38 .....gal. .03⅝- .03⅞
38-40, straw.....gal. .03⅝- .04
38-40 zero, 60 c.p.....gal. .03⅝- .04
Fusel (see F).
Gas, Bayonne, bulk.....gal. .04⅜- —
Gulf Coast, bulk.....gal. .03½- .03⅝
North Texas, bulk.....gal. .02⅝- .03
Oklahoma, bulk.....gal. .02⅞- .03½
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns. lb. 4.00 - 4.75
Bourbon, cns.....lb. 3.75 - 4.00
Turkish (see Palmarosa).
Grapefruit, cns.....lb. 1.90 - 2.00
Ginger, dist., bots.....lb. 8.00 - 8.50
Guaiac wood, concrete, bots.lb. 3.10 - 3.15
Haarlem, dom., bots.....gross 3.25 - 3.35
import, bots.....gross 3.40 - 3.50
Halibut-liver, dms..... 1,000 A unit-gal. .75 - 1.00
Hemlock, cns.....lb. 1.05 - 1.10
Juniper berry, USP, cns....lb. 1.20 - 1.75
Wood, tech., cns.....lb. .45 - —
Juniper tar, U.S.P.XI, 1,000 lb. dms..lb. .50 nom.
cns. .....lb. .55 - —
Lard, common, 1, bbls.....lb. .12¾- —
2, bbls.....lb. .12 - —
extra, bbls.....lb. .13¼- —
1, bbls.....lb. .12½- —
headlight, burning, bbls....lb. .14½- —
prime, ed., bbls.....lb. .15½- —
ined., bbls.....lb. .14½- —
winter, strained, extra bbls., lb. .13½- —
prime, bbls.....lb. .13¾- —
Laurel, bots.....lb. 6.50 - 6.75
Lavandin, cns., 25 lbs.....lb. 2.70 - —
Lavender flower, French, USP, 50% ester, cns..,lb. 6.00 - 7.50
U.S.P., 38-42% ester, cns.lb. 5.25 - 6.00
XI, 35% ester, cns....lb. 4.00 - 4.50
XI, 30% ester, cns....lb. 2.80 - 3.00
IX, 30% ester, cns....lb. 2.65 - 2.75
VIII, 30% ester, cns....lb. 2.25 - 2.35
garden, cns.....lb. .42 - .45
Spike, Spanish, tech., cns..lb. 1.05 - 1.10
dms .....lb. .95 - 1.10
Lemon, Calif., cns.....lb. 2.60 - —
Messina, coppers, cns.....lb. 3.50 - 3.75
Lemongrass, native, cns., dms. lb. .40 - .50
Lime, dist., cns.....lb. 6.10 - 6.50
expressed, cans.....lb. 9.50 -10.25
Linalce wood, cns.....lb. 1.15 - 1.20
Linseed, boiled, bbls., c.l....lb. .1160- —
l.c.l., 5 or more.....lb. .1200- —
less than 5.....lb. .1240-.1260
tanks .....lb. .1100- —
double boiled, bbls., less than 5—lbs. .1260-.1280
raw, bbls., c.l.....lb. .1120- —
l.c.l., 5 or more.....lb. .1160- —
less than 5.....lb. .1200- —
tanks .....lb. .1060- —
Lovage, bots.....lb.41.25 -72.00
Lubricating, at refinery (including U.S. tax 4c. per gal.)—
California, green, 70, 80, 100, vis., dms..gal. .20 - —
140 vis., dms.....gal. .25 - —
green, pale, 750, 900 vis., dms..gal. .26 - —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., dms..gal. .26 - —
Oklahoma, bright stocks, 100-110 D, 0-10 pour tanks..gal. .21 - —
15-25 pour, tanks..gal. .20 - —
150-160 D, 0-10 pour tanks..gal. .23 - —
15-25 pour, tanks..gal. .22½- —
150-160 E, 15-25 pour, tanks..gal. .22 - —
bright stocks, 190-200 D, 15-25 pour, tanks..gal. .26 - —
200-210 E, 15-25 pour, tanks..gal. .25 - —
neutrals, 0-10 pour, 150 vis., 3 color, tans..gal. .18 - —
180 vis., 3 color, tanks, gal. .14 - —
4 color, tanks....gal. .13½- —
200 vis., 3 color, tanks, gal. .14½- —
4 color, tanks....gal. .14 - —
250 vis., 3 color, tanks, gal. .15½- —
4 color, tanks....gal. .15 - —
280 vis., 3 color, tanks, gal. .16½- —
4 color, tanks....gal. .16 - —
300 vis., 3½, color, tanks..gal. .17 - —
350 vis., same basis.gal. .17¼- —
400 vis., same basis.gal. .18 - —
500 vis., same basis.gal. .18¼- —
600 vis., same basis.gal. .19 - —

15-25 pour prices are ½c. per gallon higher than zero to 10° pour

Penn., bright, 600 cold test, 10-40 pour, tanks..gal. .25 - —
10-15 pour, tanks..gal. .26 - —

Oil, lubricating, Penn., cylinder, 600 fire, tanks	gal.	.18 - —
600 flash, tanks	gal.	.21½- —
630 flash, tanks	gal.	.25 - .25½
635 fire, tanks	gal.	.19 - —
650 fire, tanks	gal.	.20½- —
Warren, E, amber, tanks	gal.	.21½- —
neutral, 150 vis., 3 color, tanks	gal.	.24 - —
180 vis.,3 color,tanks	gal.	.26 - —
200 vis.,2 color,tanks	gal.	.28½- —
spot, Penna., bright, bbls c.l., f.a.s.	gal.	.32 - —
unfiltered, 600 s.r. bbls f.a.s.	gal.	.27 - —
600 flash, s.r., bbls., c.l.	gal.	.31½- —
650 s.r., bbls., c.l., f.a.s	gal.	.28 - —
Warren, E. bbls., c.l.,f.a.s	gal.	.30 - —
smaller lots, f.o.b.	gal.	.32½- —
Mace, list., cns., dms	lb.	1.25 - 1.30
Mandarin, superior, coppers	lb.	8.10 - 8.25
Menhaden, crude, tanks, f.o.b. Balto	gal.	.40 Nom.
refd., alkali, dms	lb.	.0890- —
tanks	lb.	.0830- —
blown, dms.	lb.	.0890- —
kettle-bodied, dms.	lb.	.0990- —
light pressed, dms	lb.	.0830- —
tanks	lb.	.0760- —
Mineral, white (see Oil, white mineral)		
Mustard, artif., USP., cns	lb.	1.85 - 1.90
dist., natural, bots	lb.	8.50 - 9.00
expressed, bbls	gal.	.90 - .95
Neatsfoot, cold test, bbls	lb.	.18½- —
extra, bbls	lb.	.12⅝- —
1, bbls	lb.	.12½- —
pure, bbls	lb.	.13½- —
special, bbls	lb.	.13½- —
sulphonated, common, 25% moisture, dms	lb.	.10½- —
Neroli, bots	lb.	115.00 -140.00
Nutmeg, USP, cns., dms	lb.	1.25 - 1.30
Officia, dms	lb.	.10⅞- .11
futures	lb.	.10¾ Nom.
Oleo, 1, bbls	lb.	.13 - —
2, bbls.	lb.	.12½- —
Olibanum, bots	lb.	5.00 - 5.25
Olive, denat., bbls	gal.	1.50 Nom.
edible, bbls	gal.	2.40 Nom.
foots, bbls	lb.	.11¼Nom.
sulphonated, 50% (43% fat), dms., c.l.	lb.	.12 - —
l.c.l.	lb.	.12½- —
75% (63% fat), dms., c.l.	lb.	.15¼- —
l.c.l.	lb.	.16 - —
80% (68% fat), dms., c.l.	lb.	.16½- —
l.c.l.	lb.	.17 - —
Orange, sweet, dist., cs	lb.	.90 - —
expressed, African, cns., dms	lb.	1.90 - 2.00
Calif., cns	lb.	2.50 - —
Florida, cns	lb.	2.50 - 2.65
Messina, USP, coppers	lb.	2.70 - 3.00
West India, cns	lb.	2.25 - 2.30
Origanum, Spanish, cns	lb.	.90 - 1.60
Orris, Florentine, concrete, extra strong, bots	oz.	5.25 - 5.50
Palm, Niger, cks	lb.	.05¾- —
shipment	lb.	.05 - —
softs, 12½%, bulk, shipt	lb.	.0495 Nom.
20%, bulk, shipt	lb.	.0480Nom.
Sumatra, shipment, bulk	lb.	.05 Nom.
Palmarosa, cns	lb.	2.90 - 3.00
Palmkernel, bulk, shipt	lb.	.05½- —
Paraffin, 320° flash, 60-70 vis., tanks, G. 3.	gal.	.05¼- —
330° flash, 70-80 vis., tanks, G. 3.	gal.	.05¼- —
80-85 vis., bbls., extra, Ind. refy.	gal.	.12 - —
350° flash, 100-105 vis., bbls. extra, Ind. refy.	gal.	.14 - —
360° flash, 100-110 vis., tanks, G. 3.	gal.	.05⅝- —
Patchouli, bots., cns	lb.	5.00 - 8.50
Peanut, crude, dom., tanks, works	lb.	.08¼ Nom.
refd., edible, bbls	lb.	.12¼ Nom.
Pennyroyal, dom., cns	lb.	1.55 - 1.60
import, cns	lb.	1.40 - 1.45
Peppermint, natural, cns., dms.	lb.	2.50 - 2.75
redist., USP, cns., dms	lb.	2.75 - 3.00
Perilla, dms.	lb.	.11⅞- .12
tanks	lb.	.1120- .1130
Petitgrain, Paraguay, cns	lb.	1.10 - 1.25
Pimento berry, cns	lb.	3.75 - 4.00
leaf, cns	lb.	2.50 - 2.60
Pine, dest.-dist., straw-color, dms., dlvd., E. ports	gal.	.52 - .55
steam-dist., dms	gal.	.69 - —
tanks	gal.	.64 - —
Pineneedle, Siberian, cns	lb.	1.00 - 1.05
Putty, bbls., El Segundo, Richmond, Cal.	gal.	.22¼- —
contracts	gal.	.19¼- —
Whiting, Ind	gal.	.28 - —
dms., c.l., Bost., Provid.	gal.	.25 - —
l.c.l., same basis	gal.	.27 - —
tanks, same basis	gal.	.18 - —
Martinez, Cal	gal.	.28 - —
Rapeseed, blown, bbls	lb.	.14¼- .14½
denat., bbls	gal.	.96 - .98
Red, dist. or saponif., bbls., dlvd.	lb.	.11⅝- .12⅝
dms., dlvd.	lb.	.11½- .12½
tanks, dlvd	lb.	.10⅝- —
white, dms	lb.	.13½- .14½
Rose, artif., bots	oz.	2.00 - 8.00
natural, coppers	oz.	5.25 -22.50
Rosemary, Spanish, cns	lb.	.55 - .70
dms.	lb.	.50 - .65
Rosin, 1st, rectfd., dms	gal.	.58 - .60
2d rectfd., dms	gal.	.60 - .62
3d rectfd., dms	gal.	.64 - .66
Rue, bots	lb.	2.15 - 2.20
Sage, cns	lb.	1.65 - 1.70
Sandalwood, Australia, cns.	lb.	4.50 - 5.00
E.I., USP, cns	lb.	5.25 - 5.50
Sardine, crude, tanks, Pac. Cst.,	gal.	.43½ Nom.
refd., alkali, dms	lb.	.0830- —
tanks	lb.	.0830- —
kettle-bodied, dms.	lb.	.0990- —
light, pressed, dms	lb.	.0830- —
tanks	lb.	.0760- —
Sassafras, artif., cns	lb.	.41 - .42
dms.	lb.	.39 - .40
natural, cns., dms	lb.	.90 - 1.05
Savin, cns	lb.	1.50 - 1.60
Savory, cns	lb.	3.15 - 3.20
Sesame, dom., refd., white, dms.	lb.	.11½ Nom.
Shingle stain, bbls., c.l., works.	gal.	.18 - —
l.c.l., works	gal.	.14 - —
tanks, works	gal.	.14 - —
Snakeroot, Canada, cns	lb.	10.00 -11.00
Soybean, dom., crude, dms.	lb.	.1010- .1050
tanks	lb.	.0950- —
refd., dms	lb.	.1110- .1150
tanks	lb.	.1050- .1090
Spearmint, USP, cns	lb.	2.00 - 2.05
Sperm, bleach, 38°, dms	lb.	.0930- .0980
45°, dms	lb.	.0890- .0940
natural, dms	lb.	.0840- .0860
Spruce, cans	lb.	1.05 - 1.10
Sweet birch, North, cns	lb.	3.25 - 3.50
South, cns	lb.	1.65 - 2.00
Tallow, acidless, bbls	lb.	.12½- —
tanks	lb.	.12 - —
Tansy, cns	lb.	4.25 - 4.50
Tar, com'l, dms., c.l., dlvd. E. cities	gal.	.26 - —
E. ports	gal.	.25 - —
l.c.l.	gal.	.26 - —
tanks, dlvd. E. cities	gal.	.29 - —
rectfd., USP, bbls., dlvd. E. ports	gal.	.50 - —
Tar acid (see T)		
Teaseed, crude, dms	lb.	.09⅜- .09½
refined, dms	lb.	.12¼- .12½
Thyme, NF, red, dms	lb.	.85 - 1.25
white, dms	lb.	.85 - 1.40
Tung (see Oil, chinawood).		
Turkey red (see Oil, castor, sulphonated).		
Turpentine (see T)		
Turtle, cns	gal.	4.25 - 5.00
Valerian, bots	lb.	12.00 -14.00
Vetiver, bots	lb.	9.00 -16.50
Walnut, crude, dms	lb.	.13 Nom.
refd., dms.	lb.	.14 Nom.
Whale, refd., natural, dms.	lb.	.1010- .1030
winter, bleach, dms	lb.	.1050- .1070
Wheat germ, cns., dms	gal.	27.00 -30.00
White mineral, dom., tech., 50-60 vis., dms	gal.	.42 - .44
65-75 vis., dms	gal.	.44 - .46
80-90 vis., dms	gal.	.45 - .47
U.S.P., 80-90 vis., dms.	gal.	.54 - .56
95-105 vis., dms	gal.	.63 - .65
125-135 vis., dms	gal.	.75½- .77½
140-150 vis., dms	gal.	.76½- .78½
175-185 vis., dms	gal.	.78½- .80½
200-210 vis., dms	gal.	.80 - .82
320-330 vis., dms	gal.	.85½- .87½
335-345 vis., dms	gal.	.87 - .89
Russian, 80-90 vis., dms.	gal.	.54- —
145-155 vis., dms	gal.	.74½- —
175-185 vis., dms	gal.	.76½- —
335-345 vis., dms	gal.	.85 - —
Wintergreen, natural, North, cns	lb.	4.00 - 8.00
South, cns	lb.	3.35 - 3.75
synth. (see Methyl salicylate).		
Wood (see Oil, chinawood).		
Wormseed, cns	lb.	2.70 - 2.75
Oil, wormwood, cns	lb.	2.90 - 3.00
Ylang-ylang, Bourb., bots., cns.	lb.	3.50 - 6.00
Manila, bots.	lb.	18.00 -24.00
Opium, USP, cns	lb.	11.50 -12.50
gran., cns	lb.	12.50 -13.50
powd., cns	lb.	12.50 -13.50
Orange, chrome (see Yellow, chrome).		
Lake, Persian, bbls	lb.	.30 - .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash	lb.	.11⅝- —
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash	lb.	.12¼- —
Colo., Mont., N.M., Wyo.	lb.	.12 - —
Other points	lb.	.11½- —
smaller lots, dlvd. Ala., etc.	lb.	.12¼- —
Ariz., etc.	lb.	.12⅝- —
Colo., Mont., N. M., Wyo.	lb.	.12¼- —
Other points	lb.	.12 - —
French, Tours, csks., ex dock	lb.	.17 - —
kgs., ex dock	lb.	.18½- —
Molybdate, bbls	lb.	.31 - —
Peel, bitter, bls	lb.	.08 - .09
Sweet, bls	lb.	.10 - .11
Toner, bbls	lb.	.80 - —
Orangeflower petals, cs	lb.	.30 - .35
Orris root, Florentine, bgs	lb.	.08 - .09
fingers, cs	lb.	.90 - .95
powd., bbls., bxs	lb.	.12 - .13
Verona, bls	lb.	.08 - .09
powd., bxs, cs	lb.	.11 - .12
Orthoanisidin, bbls	lb.	.70 - .74
Orthochloroanilin, dms	lb.	.60 - .75
Orthochlorophenol, dms	lb.	.35 - .75
Orthocresol, dms., c.l., works	lb.	.13½- —
l.c.l., same basis	lb.	.14½- —

Oil, Lub.—Paracymene

Orthodichlorobenzene, dms, c.l., works, frt. alld. E. of Rockies	lb.	.06 - —
l.c.l., dms., same basis	lb.	.07 - —
100 lb. tins, same basis	lb.	.08 - —
50 lb. tins, same basis	lb.	.09 - —
tanks, same basis	lb.	.05½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.		
Othonitroaniliin, dms	lb.	.55 - —
Orthonitrochlorobenzene, kgs.	lb.	.28 - .29
Orthonitroparachlorophenol,cns.	lb.	.70 - .75
Orthonitrotoluene, dms	lb.	.07 - —
Orthotoluene sulphonate, kgs.	lb.	2.00 - 2.05
Orthotoluidin, dms	lb.	.14 - —
Osage orange extract, cryst.,bbls.	lb.	.17 - .19
liquid, 51°, bbls	lb.	.07 - .08
Oxyquinolin sulphate, cns., 100-lbs., works.	lb.	3.50 - —
bots., cns., 1-50 lbs	lb.	3.65 - 4.00

P

Papain, powd., cs	lb.	1.25 - 1.30
Paprika, Hungarian, extra fancy, bgs.	lb.	.21½- .22
medium, bgs	lb.	.20½- .21
Spanish, extra fancy, cs	lb.	.26¾- .27½
fair, bgs	lb.	.23 - .23½
fancy, bgs	lb.	.26¼- .26½
medium, bgs	lb.	.25 - .25½
Para-aminoacetanilide, kgs.	lb.	.85 Nom.
Para-amylphenol, tertiary, dms., c.l.,works.	lb.	.26 - —
Parachlorophenol, dms	lb.	.30 - .45
Paracymene, rfd., dms	gal.	.75 - 1.25

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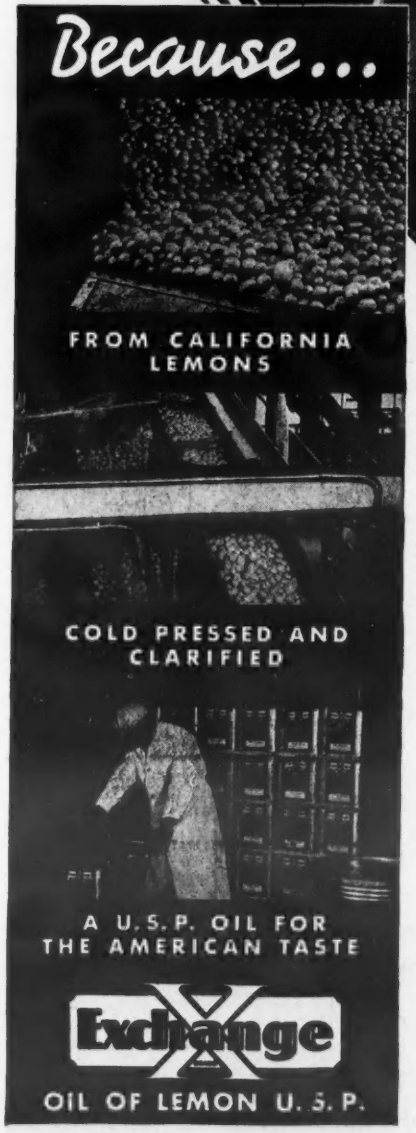
as all other Lemon Oils Combined!

Because...



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Products Department, Ontario, California

Producing Plant: EXCHANGE LEMON PRODUCTS COMPANY, Corona, California

Copr., 1936, California Fruit Growers Exchange, Products Dept.

Paradichlor.—Pyrethrum

Paradichlorobenzene, dms.....lb. .16 - .20
kgs .....lb. 18 - .25
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy..lb. .03 - —
bbls., c.l., N. Y....lb. .0295- .03
124-126 A.m.p., bgs., c.l., Okla., refy..lb. .03 - —
bbls., c.l., N. Y....lb. .03 - .0305
yellow, 124-126 A.m.p., bbls., c.l., N. Y..lb. .02¾ Nom.
fully refd., slabs, 123-125 A.m.p., bgs., c.l..lb. .0445- —
export, f.a.s., N. Y..lb. .0465- —
125-127 A.m.p., bgs., c.l..lb. .0455- —
export, f.a.s., N. Y..lb. .04¾- —
128-130 A.m.p., bgs., c.l..lb. .0480- —
export, f.a.s., N. Y..lb. .05 - —
130-132 A.m.p., bgs., c.l..lb. .0495- —
export, f.a.s., N. Y..lb. .0515- —
133-135 A.m.p., bgs., c.l..lb. .0553- —
export, f.a.s., N. Y..lb. .05¾- —
135-137 A.m.p., bgs., c.l..lb. .0580- —
export, f.a.s., N. Y..lb. .06 - —
138-140 A.m.p., bgs., c.l..lb. .0635- —
143-145 A.m.p., bgs., c.l..lb. .0790- —
refined paraffin prices in cases are ½c. lb. higher than bags price.
match, A.m.p. up to and incl. 110-112 bbls., c.l..lb. .03¼- —
semirfd., solid, 122-124 A.m.p., bgs..lb. .03¼ Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C..lb. .34 - —
100 to 900 lb. shipments, same basis..lb. .35 - —
Paraldehyde, tech., dms., wks.lb. .16 - .18
USP, cbys.....lb. .37 - .45
Paranitroaniline, kgs., c.l., works. lb. .45 - —
l.c.l., works.....lb. .47 - —
Paranitrochlorobenzene, kgs...lb. .23½- .24
Paranitrophenol, kgs.....lb. .35 - .37
Paranitrotoluene, kgs.....lb. .35 - —
Paraphenylenediamine, bbls...lb. 1.25 - 1.30
Paratoluenesulphonamide, bbls.lb. .70 - .75
Paratolualdia, bbls.....lb. .56 - —
Pareira brava root, bls.....lb. .14 - .15
Paris green, dealer, dms., kgs., c.l., f.o.b. N.Y., frt. all'd E. of Cleve..lb. .22 - .24
less car lot, same basis..lb. .23 - .25
Passion flower herb, bls.....lb. .06½- .07
Patchouli leaves, bls.....lb. .14 - .15
Pellitory root, bls.....lb. .16 - .17
Pennyroyal, bls.....lb. .14 - .15
Pentane, norm., 28-38°, dms., c.l., G.S..gal. .12½- —
l.c.l., G.S.....gal. .16 - —
tanks, G.S.....gal. .08½- —
laboratory grade, dms., c.l., G.S..gal. .16 - —
l.c.l., G.S.....gal. .25 - —
Pepper, black, Alleppy, bgs...lb. .09¼- .09¼
Lampong, bgs.....lb. .06½- .06½
Tellicherry, bgs.....lb. .09½- .09¾
Red, birdseye, bgs.....lb. .14½- .14¾
Japanese 1, bgs.....lb. .12¾- .13
Mombassa, bgs.....lb. .17 - .17½
White, Java, Muntok, bgs...lb. .10 - .10½
Singapore, Muntok, bgs....lb. .09¾- .09¾
Peppermint leaves, dom., bls..lb. .25 - .26
import, bls.....lb. .35 - .40
Peru balsam, dms.....lb. .95 - 1.00
Petrolatum, amber, bbls., c.l., lb. .02¾- .03
l.c.l.....lb. .04 - .04¼
extra, bbls.....lb. .03½- .03¾
l.c.l.....lb. .04¼- .04½
cream (see white, cream)
green (see red)
red, veterinary, bbls., c.l....lb. .02¾- .02¾
l.c.l.....lb. .03¾- —
white, cream, bbls., c.l.....lb. .05 - .05¼
l.c.l.....lb. .06¾- —
lily, bbls., c.l.....lb. .06 - .06¼
l.c.l.....lb. .07¾- —
snow, bbls., c.l.....lb. .07 - .07¼
l.c.l.....lb. .08¾- —
Petroleum, crude, bulk, at wells:—
California:—
Alamitos Heights.....bbl. .74 - .95
Athens .....bbl. .84 - 1.66
Belridge .....bbl. .70 - 1.32
Buena Vista Hills.....bbl. .70 - 1.38
Coalinga .....bbl. .70 - .90
Coyote Hills (West)...bbl. .78 - 1.32
Dominguez .....bbl. .79 - 1.00
East Coyote.....bbl. .76 - .96
Elk Hills.....bbl. .70 - 1.28
Elwood Terrace, f.o.b. ship., bbl. 1.28 - 1.43
Huntington Beach.....bbl. .78 - 1.22
Inglewood .....bbl. .79 - 1.27
Kern Front.....bbl. .70 - —
Kern River.....bbls. .70 - —
Kettleman Hills.....bbl. 1.19 - 1.43
La Habra.....bbl. .76 - .96
Lakeview .....bbl. .70 - 1.38
Last Hills.....bbl. .70 - 1.32
McKittrick .....bbl. .70 - —
Midway - Sunset (except Lakeview)..bbl. .70 - 1.38
Montebello .....bbl. .77 - 1.43
Mt. Poso.....bbl. .70 - —
Mountain View.....bbl. .70 - 1.20
Newhall .....bbl. .70 - —
Olinda Brea.....bbl. .76 - 1.27
Orcutt .....bbl. .70 - .93
Playa del Rey, f.o.b. pipe-line .....bbl. .80 - 1.16
Richfield .....bbl. .76 - 1.09
Rosecrans .....bbl. .84 - 1.06
Round Mt.....bbl. .70 - —
Santa Fe Springs.....bbl. .78 - 1.42
Santa Paula.....bbl. .70 - 1.01
Seal Beach.....bbl. .79 - 1.19
Signal Hill.....bbl. .80 - 1.21
Torrence .....bbl. .80 - 1.05
Wheeler Ridge.....bbl. .70 - .89
Whittier .....bbl. .76 - .96
Canada:—
Oil Springs.....bbl. 2.17 - —
Petrolia .....bbl. 2.10 - —
Central West:—
Illinois .....bbl. 1.35 - —
Lima .....bbl. 1.25 - —
Midland (Mich.).....bbl. 1.42 - —
Princeton .....bbl. 1.35 - —
East Texas.....bbl. 1.35 - —
Gulf Coast:—
Barber's Hill.....bbl. .95 - 1.41
Batson .....bbl. .95 - 1.41
Dayton .....bbl. .95 - 1.41
Esperson .....bbl. .95 - 1.41
Goose Creek.....bbl. .95 - 1.41
Hull .....bbl. .95 - 1.41
Humble .....bbl. .90 - 1.41
Liberty .....bbl. .90 - 1.41
Markham .....bbl. .90 - 1.29
Orange .....bbl. .93 - 1.41
Pettus .....bbl. 1.37 - —
Pierce Junction.....bbl. .95 - 1.41
Refugio (incl. Greta, Taft, Saxet) .....bbl. 1.01 - 1.17
Saratoga .....bbl. .95 - 1.41
Sour Lake .....bbl. .90 - 1.41
Spindle Top.....bbl. .95 - 1.41
Sugarland .....bbl. .95 - 1.41
West Columbia.....bbl. .95 - 1.41
Kentucky, Tennessee:—
Big Sandy river.....bbl. 1.42 - —
Kentucky river.....bbl. 1.50 - —
Western Kentucky (Owensboro)..bbl. 1.40 - —
Petroleum, crude, bulk, at wells, Louisiana, Arkansas:—
Bull Bayou.....bbl. .90 - 1.22
Caddo .....bbl. .90 - 1.22
Cameron Meadows....bbl. .90 - 1.30
Choctaw .....bbl. .90 - 1.30
Cotton Valley.....bbl. .90 - 1.22
Darrow .....bbl. .90 - 1.30
De Soto.....bbl. .90 - 1.22
El Dorado.....bbl. .90 - 1.22
Haynesville .....bbl. .90 - 1.22
Homer .....bbl. .90 - 1.22
Iowa .....bbl. .90 - 1.30
Lockport .....bbl. .90 - 1.30
Miller County.....bbl. .90 - 1.22
Pine Island.....bbl. .90 - 1.22
Rainbow .....bbl. .90 - 1.22
Rodessa .....bbl. .90 - 1.22
Smackover .....bbl. .90 - —
Tepetate .....bbl. 1.24 - —
Urania .....bbl. 1.02 - —
Mexico, f.o.b. terminals Mexican ports—based on contract:—
Panuco .....bbl. 1.05 - —
Tax, 15.801c. per bbl.
Tuxpan .....bbl. No Prices.
Tax, 25.662c. per bbl.
Midcontinent:—
North Texas.....bbl. .96 - 1.20
Oklahoma-Kansas ....bbl. .98 - 1.30
Altus, Tipton (Okla.), bbl. .96 - 1.20
Pennsylvania, Ohio, West Virginia:—
Bradford-Allegany ....bbl. 2.82 - —
Corning .....bbl. 1.42 - —
Pennsylvania grade, in Buckeye lines..bbl. 2.37 - —
Eureka lines.....bbl. 2.52 - —
S.W. Penn lines....bbl. 2.37 - —
lower district in National Transit lines.bbl. 2.77 - 2.82
Rocky Mountain:—
Big Muddy .....bbl. 1.18 - 1.28
Cannon City-Florence.bbl. 1.10 - —
Cat Creek .....bbl. 1.40 - —
Dutton Creek .....bbl. 1.06 - 1.30
Elk Basin .....bbl. 1.30 - —
Fort Collins-Wellington... bbl. 1.01 - 1.25
Frannie, light .....bbl. .82 - —
Grass Creek .....bbl. 1.30 - —
Greybull .....bbl. 1.30 - —
Iles .....bbl. 1.12 - 1.18
Lance Creek .....bbl. .97 - —
Midway .....bbl. 1.06 - 1.30
Rock Creek .....bbl. 1.20½- —
Salt Creek .....bbl. 1.06 - 1.30
Sunburst .....bbl. 1.20 - —
Torchlight .....bbl. 1.30 - —
South, Central and Southwestern Texas:—
Cass County .....bbl. .98 - 1.25
Cleveland-Liberty ....bbl. 1.27 - —
Conroe .....bbl. 1.20 - 1.44
Darst Creek .....bbl. 1.09 - —
Hardin-Liberty .....bbl. 1.15 - —
Luling .....bbl. 1.00 - —
Lytton Springs.....bbl. 1.12 - —
Mirando (incl. Duval).... bbl. .96 - 1.26
Panola County .....bbl. .93 - 1.25
Salt Flat .....bbl. 1.09 - —
Tomball .....bbl. 1.20 - 1.44
Van .....bbl. 1.10 - —
Texas Panhandle:—
Carson-Hutchinson counties, bbl. .91 - 1.03
Gray County .....bbl. .96 - 1.08
West Texas:—
Artesia, N. M. .....bbl. .90 - —
Crane .....bbl. .78 - 1.08
Crockett .....bbl. .78 - 1.08
Ector .....bbl. .78 - 1.06
Glasscock .....bbl. .78 - 1.08
Hogback .....bbl. 1.33 - —
Howard .....bbl. .78 - 1.06
Jackson, N. M. .....bbl. .90 - —
Lea, N. M.....bbl. .78 - 1.08
Maljamar, N. M. ....bbl. .90 - —
Mitchell .....bbl. .78 - 1.06
Pecos .....bbl. .91 - —
Upton .....bbl. .78 - 1.06
Winkler .....bbl. .78 - 1.06
Ether, 30-60°, dms., c.l., G. 3. gal. .14 - —
l.c.l., G.3.....gal. .17 - —
tanks, G.3 .....gal. .13 - —
55-60°, dms., l.c.l., G.3....gal. .35 - —
40-75° dms., c.l., G.3.....gal. .14 - —
l.c.l., G.3.....gal. .16 - —
tanks, G3.....gal. .13 - —
laboratory grade, dms., c.l., G.3..gal. .16 - —
c.l., G.3 .....gal. .25 - —
10-gal. lots, G.3.....gal. .50 - —
Lacquer, diluent, at refinery:—
California 60,169 l.b.p., 263 e.p., tanks, delvd. Los Angeles..gal. .11 - —
San Francisco..gal. .11½- —
f.o.b. Richmond..gal. .11½- —
Willbridge, Ore.; Pt. Wells, Wash..gal. .12 - —
East Coast, tanks....gal. .12 - .12½
Group 3, tanks.....gal. .08¾- .08¾
Naphtha, cleaners, at refinery:—
East Coast, tanks.....gal. .10 - —
Group 3, tanks.....gal. .07¾- .07¾
tankwagon, Boston, ex-tax, gal. .13 - —
Bridgeport .....gal. .13½- —
Chicago, inc. 4c. tax...gal. .171 - —
Decatur, inc. 4c. tax...gal. .19 - —
Des Moines, inc.4c. tax.gal. .188 - —
Evansville, inc. ex tax.gal. .14½- .15½
Milwaukee, inc. 5c. tax, gal. .203 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .204 - —
Newark, ex tax.....gal. .12 - —
New York, ex tax.....gal. .12 - —
Omaha, ex tax.....gal. .144 - .154
Oklahoma City, ex tax.gal. .16 - —
Philadelphia, ex tax...gal. .11½- —
St. Louis, inc. 1c. tax.gal. .157 - —
Syracuse, 150 gals.....gal. .14 - —
smaller lots, galv. drums. gal. .16 - —
milk cans.....gal. .21 - —
high solvency, aromatic, S, tanks, frt. alld. within 100 mi. radius of Paulsboro, N. J..gal. .17 - —
delivery beyond 100 mi., f.o.b. Paulsboro, frt. equald nearest comp. pt...gal. .16¼- —
30, same basis.....gal. .18¼- .19
40, same basis.....gal. .14½- .15½
V. m. & p., at refinery:—
California, 46.5, 254 l.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond .....gal. .11½- —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
54-57, 160 l.b.p., 310 e.p. tanks, dlvd. Los Angeles..gal. .10 - —
San Francisco..gal. .10¼- —
Portland, Seattle..gal. .11 - —
East Coast, tanks.....gal. .11 - —
Group 3, tanks.....gal. .07¾- .07¾
Petroleum, naphtha, V. m. & p., tankwagon, Boston, ex tax..gal. .13 - .14
Chicago, inc. 4c. tax..gal. .161 - —
Decatur, inc. 4c. tax..gal. .19 - —
Des Moines, inc. 4c. tax.gal. .188 - —
Evansville, Ind.,ex tax.gal. .147 - .157
Milwaukee, inc. 5c.tax.gal. .203 - —
Minneapolis-St. Paul, inc. 4c. tax..gal. .204 - —
Newark, ex tax.....gal. .13½- —
New York, ex tax.....gal. .12½- —
Omaha, ex tax.....gal. .144 - .154
Philadelphia, ex tax...gal. .13 - —
St. Louis, inc. 1c. tax.gal. .157 - —
Solvent, rubber, at refinery, East Coast, tanks..gal. .10 - —
Group 3, light, 120 l.b.p., 250 e.p., tanks..gal. .07¾- .07¾
standard, 180 l.b.p., 288 e.p., tanks, gal. .07¾- .07¾
Stoddard (CS 3-28), at refinery:—
East Coast, tanks.....gal. .10 - —
Group 3, tanks.....gal. .06¾- .07¾
tankwagon, Boston, ex tax gal .12½- .13½
Chicago, inc. 4c. tax...gal. .155 - —
Decatur, inc. 4c. tax..gal. .18 - —
Des Moines, inc. 4c.tax.gal. .178 - —
Evansville, Ind., ex tax.gal. .135 - .145
Milwaukee, inc. 5c. tax, gal. .193 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .18 - —
Newark, ex tax.....gal. .11½- —
New Orleans, ex tax..gal. .11 - —
New York, ex tax....gal. .11½- —
Oklahoma City, ex tax.gal. .12 - .13
Omaha .....gal. .131 - .141
Philadelphia, ex tax...gal. .11½- —
St. Louis, inc. 1c. tax.gal. .146 - —
Tulsa, ex tax.....gal. .10 - .11
Petroleum thinner, at refinery:—
California, 34, 325 l.b.p., 390 e.p., low anilin, tanks f.o.b. Los Angeles....gal. .14 - —
Portland, Ore....gal. .15 - —
Richmond .....gal. .13½- —
Seattle, Wash....gal. .15½- —
44, 311 l.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore. gal. .10½- —
Richmond .....gal. .10 - —
Southern Calif....gal. .09½- —
56, 200 l.b.p., 300 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Portland, Ore.....gal. .12 - —
Richmond .....gal. .11½- —
Seattle, Wash.....gal. .12 - —
East Coast, 43-47, tanks.gal. .10 - —
47-49, tanks.....gal. .10 - —
Group 3, tanks.....gal. .06¾- .06¾
Pennsylvania, tanks....gal. .08¾- —
tankwagon, tax included:—
Albany .....gal. .13 - —
Baltimore (100 gals.)..gal. .12½- .15½
25-99 gals.....gal. .13½- .16½
Boston .....gal. .12½- .13¼
Bound Brook, North Amboy, N. J.....gal. .11½ - .13½
Bridgeport, Conn.....gal. .13 - —
Buffalo .....gal. .12½- —
Camden, N. J.....gal. .115 - .125
Chicago .....gal. .158 - —
Decatur, Ill.....gal. .18 - —
Des Moines.....gal. .178 - —
Evansville, Ind.....gal. .137 - .147
Milwaukee .....gal. .193 - —
Minneapolis-St. Paul...gal. .194 - —
Newark .....gal. .11½- .13½
New York (1,000 gals.). gal. .11 - —
smaller lots.....gal. .11½- .12
Omaha .....gal. .131 - .141
Philadelphia .....gal. .115 - .125
Pittsburgh .....gal. .12 - .14
Providence .....gal. .12½- .13½
Rochester .....gal. .12 - .16
St. Louis.....gal. .147 - —
Syracuse .....gal. .14 - —
Trenton .....gal. .11½- .14
Wilmington, Del.....gal. .11½- .13¼
Phenobarbital, bots., 5 lbs....lb. 4.85 - —
bots. or cns., spot or contract, 100 lbs..lb. 4.50 - —
cns., 25 lbs.....lb. 4.75 - —
Phenol, USP, dms., c.l., works, frt. equald..lb. .13¾- .14¼
l.c.l., same basis.....lb. .14 - .15
tanks, works.....lb. .12¾- —
tins, c.l., same basis.....lb. .14¾- .15¼
l.c.l., same basis.....lb. .15 - .16
Phenolphthalein, USP, bbls.,dms. 2,000-lb. lots..lb. .85 - —
bbls., dms., kegs, 100-250 lbs. lb. .87 - .89
yellow, fib., dms., 2,000-lb. lots. lb. .80 - —
100-lb. fib. dms.....lb. .82 - —
25-lb. dms.....lb. .87 - —
50-lb. kgs.....lb. .84 - —
Phenyl chloride, dms.....lb. .17 - —
Phenylacetadehyde, bots.....lb. 2.25 - 3.50
Phenylhydrazin hydrochloride, CP, bots., works..lb. 3.30 - 5.10
commercial, kgs., works...lb. 3.30 - 6.50
pure, bots., works.....lb. 2.95 - 3.25
Phloroglucinol, CP, tins, works.lb. 20.00 - 22.00
tech., tins, works.....lb. 15.00 - 16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines..long ton. 4.35 - —
land pebble, 68% min., bulk, mines..long ton. 1.85 - —
70% min., bulk, mines... long ton. 2.35 - —
72% min., bulk, mines..... long ton. 2.85 - —
75% basis, 74% min., bulk, mines..long ton. 3.85 - —
Tenn., 72%, bulk, mines.. long ton. 4.50 - —
75%, bulk, mines...long ton. 5.50 - —
Phosphorus, red, cs.....lb. .40 - .44
Yellow, cs.....lb. .24 - .30
Oxychloride, cyls.....lb. .15 - .18
Sesquisulphide, cs.....lb. .38 - .42
Trichloride, cyls.....lb. .15 - .18
Phthalic anhydride, dms., c.l., works, frt. alld. E. of Miss. R..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
Pichi leaves, bgs.....lb. .08 - .10
Pilocarpine hydrochloride, bots., vis..oz. 2.50 - 2.75
Nitrate, bots., vis.....oz. 2.40 - 2.65
Pimento, bgs.....lb. .11¾- .12
Pinkroot, bls.....lb. .42 - .45
Pitch, Burgundy (see B)
Coaltar, 160° m.p., bbls., c.l., works..ton. 19.00 - —
l.c.l. .....ton. 22.00 - —
Hardwood, 1-time, dm., c.l., dlvd. Akron..ton. 23.75 - 24.00
Linseed, dms.....lb. .04¾- .06¼
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls.....bbl. 6.00 - 6.50
Plaster of paris (see Gypsum).
Pleurisy root, bls.....lb. .12 - .16
Podophyllin, fib., dms., 100 lbs., lb. 3.60 - —
cns., 25 lbs.....lb. 3.85 - —
Poke root, bls.....lb. .06½- .07
Pomegranate bark, bgs.....lb. .18 - .19
Root bark, bgs.....lb. .40 - .41
Poppy flowers, red, bls.....lb. .40 - .42
Seed, Dutch, bgs.....lb. .07½- .07¾
Polish, bgs.....lb. .07½- .07¾
Potash acetate, USP, fib., dms., 350 lbs..lb. .28 - —
Arsenite, USP, solut., cbys., 100 lbs..lb. .11 - —
demj., 50 lbs.....lb. .12 - —
Bicarbonate, USP, cryst., bbls., 300 lbs..lb. .18 - —
kgs., 100 lbs.....lb. .20 - —
gran., bbls., 250 lbs.....lb. .18 - —
kgs., 100 lbs.....lb. .20 - —
Bichromate, spot, c.l., works.. lb. .06¾- —
6 casks or 10 bbls., or over, works..lb. .06¾- —
5 casks or 9 bbls. or less, works..lb. .09 - —
Binoxalate, dms.....lb. .23 - —
Bisulphate, kgs.....lb. .15½- .18
Bromide, U.S.P., gran., bbls., 500 lbs..lb. .31 - —
fib., dms., 100 lbs.....lb. .32 - —
Carbonate, calc., dms., c.l., works..lb. .06¼- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works—lb. .05½- —
l.c.l., same basis.....lb. .05¾- —
liquid, dms., c.l., dlvd....lb. .02¾- —
l.c.l., 10 dms. or over..lb. .03¼- —
less than 10 dms....lb. .03½- —
tanks, dlvd.....lb. .02¾- —
USP, gran., bbls., 325 lbs..lb. .14 - —
kgs., 100 lbs.....lb. .16 - —
powd., bbls., 325 lbs.....lb. .19 - —
kgs., 100 lbs.....lb. .21 - —
Caustic, flake, 88-92%, dom., dms., c.l., works..lb. .07 - —
l.c.l.....lb. .07¼- .07½
import., dms.....lb. .07 - .07½
liquid, 45% basis, dms....lb. .03¼- .03½
tanks .....lb. .02¾- —
solid, 88-92%, dom., dms., c.l., works..lb. .06¼- —
l.c.l.....lb. .06¾- .06¾
import, csks.....lb. .06¼- .06¾
Chlorate, cryst., kgs.....lb. .09¼- .09½
gran., kgs.....lb. .12 - .13
powd., kgs.....lb. .08½- .08¾
Chloride, tech., 98%, cryst., bgs., kgs..lb. .04 - .06
Chromate, kgs.....lb. .19 - .28
Citrate, USP, gran., bbls., 250 lbs..lb. .35 - —
kgs., 100 lbs.....lb. .36 - —
cns., 50 lbs.....lb. .37 - —
cns., 25 lbs.....lb. .39 - .40
Cyanide, cns., dms.....lb. .55 - .60
Glycerophosphate, 75%, sol., dms., 1,000-lb. lots,..lb. 1.15 - —
smaller lots.....lb. 1.30 - —
cns., 25 lbs.....lb. 1.40 - —
Guaiacolsulphonate, fib., dms., 100 lbs..lb. 1.65 - —
cns., 25 lbs.....lb. 1.75 - —
Hydroxide, USP, sticks, cns., 110 lbs..lb. .80 - —
Hypophosphite, cns., 100 lbs., lb. .72 - —
25 to 50 lbs.....lb. .75 - —
Iodate, bbls., bots., 5 lbs.....lb. 3.17 - —
cns., 25 lbs.....lb. 3.05 - —
Iodide, bbls., 250 lbs.....lb. .93 - —
bots., or cns.....lb. 1.02 - 1.28
dms.....lb. .95 - .96
Kainit, 20% K_2O, bulk, c.l.f. ports..ton. 12.75 - —
Prices for potash kainit, manure salt, muriate, sulphate and potash magnesia-sulphate are subject to discount according to time orders are placed and time of delivery. See fertilizer market report for particulars.
Manure salt, dom., run of mine, approx. 30%, K_2O, bulk, c.l.f. ports, unit-ton. .53½- —
import., 30%, K_2O, bulk, shipt. unit-ton. .53½- —
Metabisulphite, kgs.....lb. .11 - .12
Muriate, dom., all strengths, min. 50% K_2O, bulk..... unit-ton. .53½- —
import, all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.l.f. ports..unit-ton. .53½- —
Potash muriate prices in bags are $3 ton higher than bulk price.
Oxalate, pure, cryst., kgs....lb. .30 - .31
tech., bbls.....lb. .25 - .26
Perchlorate, kgs., works.....lb. .09 - .11
Permanganate, tech., dms...lb. .18½- .19
Prussiate, red, bbls.....lb. .35 - .37
Yellow, bbls.....lb. .15 - .16
Silicate alkaline, lump, bags.lb. .07 - —
Sulphate, NF, cryst., bbls., 400 lbs..lb. .13 - —
kgs., 100 lbs.....lb. .15 - —
powd., bbls., 350 lbs.....lb. .14 - —
kgs., 100 lbs.....lb. .16 - —
tech., 90-95%, min. 90%, bgs., shipt., c.l.f. ports..ton. 38.00 - —
Vegetable, bulk, f.o.b. Balto.ton. 19.97 Nom.
Xanthate, dms., c.l.....lb. .13 - —
l.c.l.....lb. .13¼- —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt. ton. 25.75 - —
Potash-titanium oxalate, kgs..lb. .33 - .37
Prickly ash bark, bls.....lb. .12 - .13
Berries, bls.....lb. .10 - .11
Prince's pine herb, bls.....lb. .21 - .22
Propane, tanks, G.S.....gal. .08 - .09½
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .18 - .19
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works..lb. .03 - —
less than 3, works..lb. .03½- —
F and 1, bbls., 3 or over, works..lb. .03½- —
less than 3, works...lb. .04 - —
0, 0-½, 0-¾, and ½, bbls., 3 or over, works..lb. .04 - —
less than 3, works...lb. .04½- —
Ital.-grd., bgs., c.l., shipt. ex dock N.Y..ton. 32.85 Nom.
l.c.l., 5-29 tons, ex whse. ton. 37.70 - —
1,000-10,000 lbs., ex whse..ton. 38.70 - —
2 bgs. to 1,000 lbs., ex whse..ton. 40.70 - —
single bgs., ex whse.ton. 45.70 - —
Pumpkin seed, bgs.....lb. .11 - .14
Purple lake (see Red).
Putty, com'l., dms., 1,000 lbs. 100 lbs. 2.90 - —
500-999 lbs.....100 lbs. 3.10 - —
100-499 lbs.....100 lbs. 3.25 - —
Linseed oil, raw, dms., 1,000 lbs. 100 lbs. 4.65 - —
500-999 lbs.....100 lbs. 4.85 - —
100-499 lbs.....100 lbs. 5.00 - —
refined, dms., 1,000 lbs, unit-ton. 5.15 - —
500-999 lbs.....100 lbs. 5.35 - —
100-499 lbs.....100 lbs. 5.50 - —
standard, dms., 1,000 lbs. 100 lbs. 3.65 - —
500-999 lbs.....100 lbs. 3.85 - —
100-499 lbs.....100 lbs. 4.00 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Sell test) 55 gal. dms. (incl.), frt. alld. E. of Rockies, standard brand..gal. 5.00 - 5.25
basis, 3.6% pyethrins, 55 gal. dms. (incl.) frt. alld. E. of Rockies, standard brand..gal. 7.75 - 7.85

OIL, PAINT AND DRUG REPORTER

August 2, 1937

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AUG 2 1937

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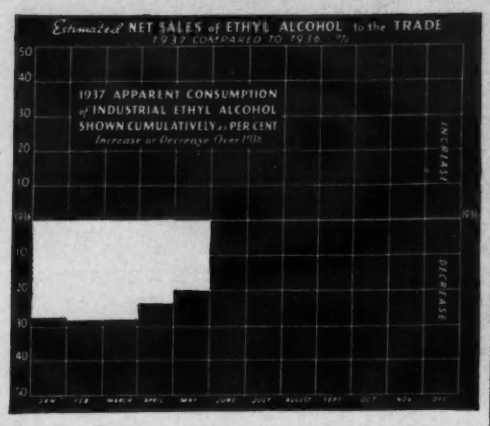
Prepared Monthly by the U. S. Industrial Chemical Co., Inc.

SOLVENT NEWS

Reg. U. S. Pat. Off.

AUGUST ★ A Monthly Series of Articles for Chemists and Executives of the Solvent-Consuming Industries ★ 1937


Estimated NET SALES of ETHYL ALCOHOL to the TRADE
1937 COMPARED TO 1936
1937 APPARENT CONSUMPTION of INDUSTRIAL ETHYL ALCOHOL SHOWN CUMULATIVELY, PER CENT
Increase or Decrease Over 1936
INCREASE
DECREASE

Apparent consumption of industrial ethyl alcohol from Jan. 1 to May 31, 1937, was 21,147,000 wine gallons. This is 19.8 per cent less than during the same period in 1936 when 26,346,000 wine gallons were consumed.

TEST PLASTICIZERS IN ETHYL CELLULOSE

Films of ethyl cellulose retain their toughness and flexibility even under conditions of severe aging when plasticized with dibutyl phthalate, it was demonstrated recently.

A long series of tests with eighteen commercial plasticizers brought out several other advantages of dibutyl phthalate. Among these were observations that it is a good solvent for ethyl cellulose, gives a high yield point and elongation to the film and works well in concentrations as low as 2 to 5 per cent. The authors also showed that plasticizers which yield the toughest ethyl cellulose compositions are characterized by a high hardness index (property of not detracting from film hardness).

The advantages of dibutyl phthalate as a plasticizer for other film-forming cellulose derivatives have long been known. Because of its water-white color, stability to light, lack of odor and non-toxic character, it is perhaps the best known and most widely used plasticizer in the lacquer industry. The U. S. Industrial Chemical Co. has supplied a superior grade for a number of years and is confident that this product will find a similar extensive use in ethyl cellulose compositions.

EXPECT NEW ADHESIVE TO AID LABEL PASTING

Development of an adhesive for fixing spot labels to tin, oily plate and lacquered or varnished surfaces—long trouble spots in labeling work—was announced recently.

The new product is expected to aid materially in overcoming crystallization and brittleness which, it is pointed out, frequently destroy permanent adhesion of labels, particularly in cold weather or in dry air. Another advantage claimed for this adhesive is protection against discoloration of labels and freedom from unpleasant odor.

While primarily developed for applying labels to metal containers, the new adhesive is asserted to be adaptable for holding labels to vitreous surfaces as well. The manufacturer adds that it can be used in hand or automatic machine labeling with coverage of better than 100,000 square inches per gallon.

FORESEE ALL-PLASTIC GLASS DEVELOPMENT WITHIN REACH

Rapid Progress In Manufacture Of Plastic Interlayers for Safety Glass Expected To Lead To Ultimate Goal

Will further advances in the development of safety glass lead to an early realization of the final and logical step in its evolution—an all plastic glass? Yes, if the present rate of progress in plastics manufacture continues, answers one eminent authority after a survey of the field.

Thirty years ago, when the safety glass industry came into being with issuance of the first United States patent for laminated glass, this prediction would have been looked upon as a little short of visionary if not virtually impossible. Now it is conceded that the automotive industry may not have long to wait for its plastic windshield—safe in every sense of the word because it will be a surface less likely to break bones under forceful impact in accidents.

Few Obstacles Remain

The principal obstacle remaining before plastic glass is widely adopted is chiefly one of greater abrasion resistance, experts declare. Stability of plastics to light, moisture and heat has been greatly improved and is not the drawback it was years ago, specifications for current plastics reveal.

Most safety glass now manufactured is in reality little more than a sandwich of two sheets of glass with an interlayer of plasticized cellulose acetate. It is largely compacted or bonded by first giving it a preliminary pressing, after which it is immersed in a liquid bath where pressure is applied to the fluid, which in turn transmits it evenly to the sandwich effecting a final union. This process is reported to eliminate the possibility of breakage or exudation of the plastic along the edges of the glass—two difficulties experi-

(*Continued on next page*)

INCREASE ADHESION OF RUBBER LACQUERS WITH NEW EMULSIONS

Adhesion of quick-drying lacquers to vulcanized or unvulcanized rubber surfaces may be improved by first applying to the rubber an aqueous emulsion of rubber, as for example latex, and one or more polymerized unsaturated materials such as ethyl methacrylate, vinyl acetate and similar compounds, a recent patent announces.

The process, which has been used in Germany and is now patented in this country, is said to be applicable to rubberized fabrics, rubber balls, gloves, shoes, etc. According to the statement of the inventor, the aqueous emulsions applied by dipping, brushing or spraying provide a film which has the property of adhering firmly to the rubber on one side and to any suitable lacquer on the other.

The proportions of latex and polymeric material may be varied to obtain a wide variety of finishes, it is stated.

A foam inhibitor for glue, casein, shellac, etc.; a special thermometer; a substitute for carnauba wax; four new-type rubber cements and other interesting technical specialties are described in the "Technical Developments" column on the next page. For further information, write to U. S. I.

Plastic Glass in Germany

The "Adler" sport car, shown above, illustrates how plastic glass has already been adapted to automobiles in Germany. Plexiglass, an acrylic resin which can be bent and formed with moderate heat, was used. This same material is said to have been employed in laminated glass manufacture.

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AUGUST ★ SOLVENT NEWS ★ 1937

MAY USE ALCOHOL AS BASE FOR PLASTICS

The possibility that alcohol might play an even greater role in plastics manufacture of the future was discussed recently at length before the Plastics Group of the British Society of Chemical Industry.

Alcohol, it was explained, furnishes a convenient source of acetaldehyde, a base from which various plastics may be obtained. Likewise, ethylene and ethylene oxide, closely associated with alcohol, are bases for other plastics. Ethylene was taken as a typical example which, if combined with benzene in the presence of aluminum chloride, might be used in the production of styrene. Polystyrene, made from styrene, has been reported to be the equal of fused quartz so far as dielectric strength is concerned.

ALL-PLASTIC GLASS DEVELOPMENT NEAR

(*Continued from previous page*)

enced under old manufacturing methods.

It is said that until about three years ago cellulose nitrate was practically the only plastic used for an interlayer in spite of its reported defects of discoloration and of brittleness at low temperatures. Around 1933, the industry largely adopted cellulose acetate because this material permitted a more intimate contact between it and the glass and consequently molded easier. In addition, it was said to be more resistant to ultraviolet rays and discoloration, although somewhat brittle at low temperatures.

Search Is Continuing

Search for more effective plastics is continuing and in itself may lead to the final objective: plastic glass. Up to the present time at least a score of other plastic materials or resins, ranging from ethyl cellulose to bleached crepe rubber, have been tried or held in abeyance until large scale commercial manufacture reduces costs.

The introduction of high boiling solvent plasticizers in the plastic interlayer is generally conceded to be a milestone in laminated glass history. Before their use, low boiling solvents were used to soften the plastic with the result that bubbles and separations developed upon volatilization of the solvent. In addition, the plastic lost much of its plasticity upon aging.

Diethyl and dimethyl phthalates, such as manufactured by the U. S. Industrial Chemical Co., Inc., are among the plasticizers which have been widely adopted by the industry because of their stability to light and heat. Both products, besides possessing good solvency for cellulose acetate, have a high retentivity value and are colorless.

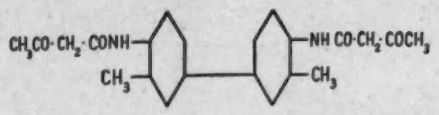
In some cases where the plastic interlayer is not in itself adhesive to the glass, an extra adhesive must be used to insure a complete bond. However, it is asserted that the ideal plastic interlayer should combine adherence to the glass in addition to its other properties.

Unusual Intermediate Improves Azo Colors

An unusual dyestuff intermediate, an arylamide of the acetoacetic ester, $CH_3CO.CH_2.CO.CONHAr$, may be the means of improving domestic production of azo colors.

The compound, bisacetoacet-o-tolidide, which has been prepared by the U. S. Industrial Chemical Co., Inc., has been found to yield azo coloring compounds which do not form salts with weak caustic alkalies. This property is said to be an advantage over other intermediates with reactive methylene groups.

The formula of bisacetoacet-o-tolidide is as follows:



Dye Production Hits New High

Domestic production of coal-tar dyes hit a record high during 1936 when 119,233,551 lb. were produced, according to data compiled by the Tariff Commission. It is significant that, of this total, 15,164,622 lb. were new and unclassified dyes. World Trade Notes also reports that synthetic indigo production increased 32 per cent and sulphur black 21 per cent over 1935.

Cellulose acetate compounded with an excessive amount of plasticizing agent has been suggested to replace gutta percha as a cover for golf balls.

TECHNICAL DEVELOPMENTS

To inhibit foaming in the manufacture of glue, casein, shellac, etc., a new product on the market will not interfere with other properties, according to the producer. It is also claimed, moreover, that the material eliminates specks, pinholes, etc., in finished goods. **(No. 1)**

U S I

The temperature of a liquid at any level in storage tank or tank car can be accurately determined both quickly and simply according to a trade report of a special type thermometer. The device employs an armored thermometer with the bulb protruding into an insulated sampling chamber. **(No. 2)**

U S I

Hard, synthetic wax, made especially for manufacturers of wax emulsions, is reported to be a substitute for more expensive carnauba wax. The producer claims that the wax makes a light-color emulsion, dries with a good sheen and takes an exceptionally fine polish. **(No. 3)**

U S I

An all-glass stirrer which permits stirring under vacuum or pressure without mercury seal, has been announced. The manufacturer reports that the fit between the glass shaft and tube is so precise, pressures over 60 mm of mercury may be used. **(No. 4)**

U S I

Four new-type rubber cements recently introduced can be applied without vulcanizing on such materials as rubber, glass, metal, tile, fabric, wood, leather, paper and burlap for use under wide temperature fluctuations, according to the manufacturer. The adhesives differ from one another in drying speed and color. **(No. 5)**

U S I

Accurate, smooth coatings are said to be developed at high speeds by a new coating machine for lacquers, rubber solutions, metallic coatings and lacquer emulsions. Metering rolls are used only to control the weight of coating and a separate furnisher roll is used. **(No. 6)**

U S I

A new resin sealer and preservative is said to prevent grain-raising and, by priming and sealing the surface, make possible a minimum of coats and hand sanding. The manufacturer claims that it adheres to canvas, paper, fabrics, metal, brick and cement. **(No. 7)**

U S I

A rubbing compound which will not leave white or gray deposits in routings or corners, has been reported. The compound is said to cut rapidly and effectively and to match the finish after drying. **(No. 8)**

U S I

Surface-hardening material for making cast iron and steel surfaces resistant to wear, corrosion and heat is now available in paste form. The manufacturer also claims that steel parts can be forged, formed or heat-treated after application without affecting surface hardness. It is spread on, allowed to dry and then sweated in with a gas torch. **(No. 9)**

U S I

Explosion-proof lighting fixtures with many new features were announced recently. The 200-watt, enclosing globe type fixtures are designed especially for atmospheres containing gasoline, naptha, alcohol, acetone and similar vapors, according to the manufacturer. **(No. 10)**

For further information write to U.S.I.

U.S. INDUSTRIAL ALCOHOL CO.
U.S. INDUSTRIAL CHEMICAL CO., INC.
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Refined Fusel Oil
Secondary Amyl Alcohol

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Completely Denatured
Anhydrous Denatured
Absolute—Pure
C.P. 96%—Pure and Denatured
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*SOLOX—The General Solvent
*SUPER PYRO—The premium Quality Anti-freeze

BUTYL ALCOHOLS
Normal and Secondary

ISOPROPYL ALCOHOL

METHYL ALCOHOLS
95%, 97% and Pure
METHYL ACETONE

ETHYL ETHER
U.S.P. and Absolute (A.C.S.)

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U.S.P., U.S.P. Flexible and Photo
NITROCELLULOSE SOLUTIONS

DIAMYL PHTHALATE
DIBUTYL PHTHALATE
DIETHYL PHTHALATE
DIMETHYL PHTHALATE

ACETIC ETHER
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Technical Secondary
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ACETOACET-O-CHLORANILID
ACETOACET-O-TOLUIDID
ETHYL ACETOACETATE
SODIUM ETHYL OXALACETATE
PARACHLOR-O-NITRANILINE

ACETONE
DIBUTYL OXALATE
DIETHYL OXALATE
ETHYL CHLORCARBONATE
ETHYLENE
URETHANE

***CURBAY BINDER**
POTASH BY-PRODUCTS

*Trade-mark registered

Pyrethrum flowers, coarse, grnd. (g.f.p.), Japan, bgs., frt. alld., 15 tons or over, lb. .18 - —
fine powd. Japan, bbls., ton lots, frt. alld..lb. .19 - —
Pyridin, denaturing, dms.....gal. 1.55 - —
refd., 2° dms.....lb. .45 - —
Pyrites, Spanish, bulk, c.i.f. Atl. ports..unit-ton. .12-.13 Nom.
Pyrocatechin, CP, cryst., works, fib, dms., tins..lb. 2.15 - 2.40
resublimed, fib. dms., tins..lb. 4.60 - —
Pyroxylin scrap, amber, cs., works..lb. .15 - —
black, cs., works.....lb. .10 - —
China white, ivory, cs., works..lb. .16 - —
dense white, cs., works..lb. .12 - —
gray, cs., works.....lb. .10 - —
mixed, mottles, opaque, cs., works..lb. .04 - —
shell-demi, cs., works....lb. .13 - —
translucent pastels, cs., works..lb. .10 - —
transparent, cs., works...lb. .20 - —
colors, cs., works.....lb. .13 - —
shavings, amber, cs., works..lb. .16 - —
colors, mixed, cs., works.lb. .10 - —
white, cs., works.....lb. .15 - —

Q

Quassia, chips, bls.....lb. .06 - .07
Quebracho extract, liquid, 35% tan., bbls., works..lb. .03½- —
tanks, works.....lb. .03 - —
solid, 64%, bgs., c.l., ex dock, plus duty..lb. .04 - —
clarified, 64%, bgs., c.l., same basis..lb. .04¼- —
Queen of the meadow herb, bgs..lb. .06 - .07
Root, bgs.....lb. .06 - .07
Quercitron, extract, liquid, 51°, bbls..lb. .06 - .08
solid, dms.....lb. .10 - .12
Quicksilver, dom., flasks (76 lbs. net), dlvd., N. Y..flasks.94.00 -95.00
Quince seed, bgs.....lb. .75 - 1.50
Quinidine, cryst., small, cns...oz. .96 - —
large, cns.....oz. .98 - —
powd., precip., cans.....oz. .91 - —
Sulphate, cns.....oz. .67 - —
Quinine, 100 ozs., cns.....oz. .74 - —
Acetate, cns.....oz. .98 - —
Arsenate, cns.....oz. .98 - —
Arsenite, cns.....oz. 1.00 - —
Bisulphate, cns.....oz. .53 - —
Citrate, cns.....oz. .71 - —
Dihydrobromide, bots.....oz. .74 - —
Dihydrochloride, bots.....oz. .74 - —
Ethylcarbonate, cns.....oz. .74 - —
Ferrocyanide, cns.....oz. 1.00 - —
Formate, cns.....oz. .93 - —
Glycerophosphate, cns.....oz. 1.13 - —
Hydrochloride, cns.....oz. .66½- —
Hydrochlorosulphate, cns....oz. .74 - —
Hydriodide, cns.....oz. .98 - —
Hypophosphite, cns.....oz. .98 - —
Phosphate, cns.....oz. .81 - —
Salicylate, cns.....oz. .72 - —
Sulphate, U.S.P. X, cns....oz. .53 - —
U.S.P. XI, cns.....oz. .59½- —
Sulphocarbolate, cns.....oz. .96 - —
Tannate, cns.....oz. .57 - —
Tartrate, cns.....oz. .96 - —
Valerate, cns.....oz. .92 - —
Quinine-urea hydrochloride cns.oz. 74 - —

R

R salt, bbls.....lb. .52 - .53
Rapeseed, Belgian, bgs.....lb. .06 - .06½
Dutch, bgs.....lb. .06¼- .06¾
Japanese bgs.....lb. .06 - .06½
Raspberries, dried, bbls.....lb. .79 - .80
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - —
Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., Ia. (Shreveport 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Amaranth (see Red, maroon, lake)
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld..lb. .85 - —
smaller lots, same basis, lb. .90 - —
kgs., ton lots, same basis, lb. .90 - —
smaller lots, same basis.lb. .95 - —
light shade, bbls., ton lots, same basis..lb. .70 - —
smaller lots, same basis, lb. .75 - —
kgs., ton lots, same basis, lb. .75 - —
smaller lots, same basis, lb. .80 - —
light-medium shade, bbls., ton-lots, same basis..lb. .75 - —
smaller lots, same basis, lb. .80 - —
kgs., ton-lots, same basis, lb. .80 - —
smaller lots, same basis, lb. .85 - —
maroon shade, bbls., ton lots, same basis..lb. .95 - —
smaller lots, same basis, lb. 1.00 - —
kgs., ton lots, same basis, lb. 1.00 - —
smaller lots, same basis, lb. 1.05 - —
medium shade, bbls., ton lots, same basis..lb. .80 - —
smaller lots, same basis, lb. .85 - —
kgs., ton lots, same basis, lb. .85 - —
smaller lots, same basis, lb. .90 - —
selenide, bbls., ton lots.works. 2.00 - —
smaller lots, works.....lb. 2.50 - —
Orange, bbls., ton lots, works..lb. 1.50 - —
smaller lots, works....lb. 1.75 - —
Carmine, 40, cns., 500 lbs....lb. 4.00 - —
100 lbs. .....lb. 4.15 - —
11 lbs. .....lb. 4.40 - 4.50
Crocus martis (see Red, purple oxide).
Eosin toner, blue shade, bbls. lb. 1.55 - —
yellow shade, bbls.....lb. 1.40 - —
Indian, pure, bbls., f.o.b Bethlehem, Easton, E. St. Louis, N. Y..lb. .08¾- —
80%-85%, bbls., same basis.lb. .07¼- —
Iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts.lb. 1.25 - —
open order.....lb. 1.30 - —
Red, lithol toner, bbls., same basis alizarin lake, contracts..lb. .75 - —
open order .....lb. .80 - —
Lithol-rubin toner, bbls., same basis alizarin lake..lb. 1.50 - —
Maroon lake, 25%, kgs., same basis alizarin lake, contracts, lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom.... bbls. 1.59 - 1.60
Metallic, bbls., Pa., works..lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .08½- —
l.c.l., works.....lb. .09¼- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y..lb. .08¾ —
80% copperas oxide, bbls., same basis..lb. .07¾- —
Para toner, concent., kegs, same basis alizarin lake, contracts..lb. .75 - —
open order..lb. .80 - —
Persian Gulf oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N.Y..lb. .04½- —
ex whse., Chicago, St. Louis..lb. .05¾- —
San Fran., Los Ang., Portland, Seattle..lb. .05 - —
Phosphotungstic Rhodamine Y, bbls..lb. 8.50- —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .03 - —
Toner, kgs.....lb. 1.50 - 2.00
Rose lake, bbls.....lb. .20 - .30
Pink, bbls.....lb. .15 - .20
Scarlet ink toner, kgs., same basis alizarin lake..lb. .45 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish oxide, bbls., dlvd...lb. .03¾- —
Toluidin toner, kgs., same basis alizarin lakes..lb. 1.35 - —
Tuscan, 1, bbls., f.o.b. N. Y., E. St. Louis..lb. .25½- —
2, bbls., same basis.....lb. .30½- —
3, bbls., same basis.....lb. .23½- —
4, bbls., same basis.....lb. .33½- —
5, bbls., same basis.....lb. .24 - —
6, bbls., same basis.....lb. .24 - —
7, bbls., same basis.....lb. .24 - —
8, bbls., same basis.....lb. .23 - —
9, bbls., same basis.....lb. .31½- —
10, bbls., same basis.....lb. .18¾- —
Venetian, bbls., works.....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0255- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, American, bbls., same basis alizarin lake..lb. .15 - —
English quicksilver, bbls., 500 lbs..lb. 1.75 - —
smaller lots.....lb. 1.76 - 1.84
Red dyes are listed under Dyes.
Red precipitate, N. F., powd., fib. dms..lb. 1.84 - 1.86
Red saunders wood, ground, bbls. lb. .12 - .17
Resorcinol, tech., dms., works.lb. .75 - .80
USP, cryst., bbls., works....lb. 1.50 - 1.65
Rhatany root, bgs.....lb. .08½- .10
Rhodinol, bots.....lb. 5.75 -15.00
Rhubarb root, cs.....lb. .85 - .36
powd., bbls., kgs.....lb. .40 - .42
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't..lb. .15 - —
smaller lots .....lb. .15½- —
powd., bbls., 5,000 lbs., 1 shipm't..lb. .16 - —
smaller lots .....lb. .16½- —
Rose flowers, pale, bls.....lb. .25 - .30
Red, bls.....lb. 2.00 - 2.10
Water, triple.....djn. 4.75 - 5.00
Rosemary flowers, bls.....lb. .35 - .40
Leaves, bls.....lb. .05½- .06
Rosin, gum, B, bbls., ex dock.. 280 lbs. 9.05 - —
D, bbls.....280 lbs. 9.05 - —
E, bbls.....280 lbs. 9.05 - —
F, bbls.....280 lbs. 9.05 - —
G, bbls.....280 lbs. 9.05 - —
H, bbls.....280 lbs. 9.05 - —
I, bbls.....280 lbs. 9.05 - —
K, bbls.....280 lbs. 9.05 - —
M, bbls.....280 lbs. 9.05 - —
N, bbls.....280 lbs. 9.10 - —
W, G., bbls.....280 lbs. 9.15 - —
W, W., bbls.....280 lbs. 9.85 - —
X, bbls.....280 lbs. 9.95 - —
Wood, New York, F. F., bbls., 280 lbs. 8.56 - 9.65
K, bbls.....280 lbs. 8.86 - 9.95
M, bbls.....280 lbs. 8.96 -10.05
N, bbls.....280 lbs. 9.66 -10.75
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.35.00 - —
l.c.l., ex whse.....ton.50.00 - —
import., lump, bbls.....lb. .12 - —
powd., bbls.....lb. .08¼- .10
Rue bls.....lb. .21 - .26

S

Sabadilla seed, powd., bbls....lb. .22 - .23
Saccharin, dms., 100 lbs.....lb. 1.70 - —
cns., 25 lbs.....lb. 1.73 - 2.05
Safflower, bls.....lb. .25 - .26
Saffron, Mexican, bls.....lb. .45 - .50
Spanish, tins.....lb.18.00 -20.00
Safrol, cns.....lb. .50 - .58
dms.....lb. .47 - .55
Sage, Dalmatian, stemless....lb. .06 - .06¼
garden, bls.....lb. .06½- .07
Sago flour, bgs.....lb. .03¾- .04¼
Salicin, bots., 5 lbs.....lb. 4.25 - —
cns., 25 lbs.....lb. 4.00 - —
Salol, gran., bbls., 200 lbs.....lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., fib. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs.....lb. 1.00 - —
Salt, rock, bgs., dlvd., N. Y..ton.11.80 -12.80
l.c.l., bgs., dlvd., N. Y.ton.14.00 -14.50
vacuum, common, fine, bgs., c.l., dlvd., N. Y..ton.14.80 - —
l.c.l., dlvd. N. Y.....ton.15.50 - —
Saltcake, grd., dom., bbls., works, ton.19.00 -23.00
bulk, works.....ton.12.00 -16.00
import, bulk, c.i.f.....ton.12.00 -12.50
Chrome (see Chrome cake).
Saltpeter, dbl. refined, cryst., 10-20 tons, bbls..100 lbs. 7.00 - 7.75
1-9 tons.....100 lbs. 7.40 - 7.90
less than ton lots..100 lbs. 7.40 - 8.15
gran., bbls., 10-20 tons.100 lbs. 6.00 - —
1-9 tons.....100 lbs. 6.15 - —
less than ton lots..100 lbs. 6.40 - —
powd., bbls., 10-20 tons.100 lbs. 7.00 - —
1-9 tons.....100 lbs. 7.15 - —
less than ton lots..100 lbs. 7.40 - —
Santonin, cryst., cns.....lb.25.00 -26.00
Saponin, crude, cns.....lb. 1.45 - —
purified, bots., 5 lbs.....lb. 1.65 - —
cns., 25 lbs.....lb 1.50 - —
Sarsaparilla root, Honduras, bls.lb. .45 - .50
Mexican, bls. .....lb. .19 - .20
Sassafras bark, ord., bls.....lb. .12 - .13
select, bls.....lb. .22 - .23
Savory, bbls.....lb. .08 - .08½
Saw palmetto berries, bgs.....lb. .40 - .45
Scammony root, bgs.....lb. .06 - .07
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipm't..lb. .12⅝- —
smaller lots .....lb. .13½- —
kegs, 5,000 lbs., 1 shipm't.lb. .13½- —
smaller lots .....lb. .13⅝- —
Senega root, bls.....lb. .60 - .63
Senna leaves, Alexandria, bls.lb. .10 - .11
Tinnevelly, No. 1, bls.....lb. .10 - .11
2, bls.....lb. .07 - .08
3, bls.....lb. .05 - .06
powd., bbls., bxs.....lb. .09 - .10
siftings, bls.....lb. .10 - .11
Pods, bls.....lb. .06 - .07
Serpentaria roots, bls.....lb. .80 - .85
Shellac, bleached, bonedry, bbls., f.o.b., N.Y..lb. .17½- .18
dlvd. Boston.....lb. .18 - .18½
Chicago .....lb. .18½- .19
Pacific Coast.....lb. .19½- .20
refd., bbls., f.o.b. N. Y.....lb. .24 - .25
dlvd. Boston.....lb. .19 - .19½
Chicago .....lb. .19½- .20
Pacific Coast.....lb. .20½- .21
Shellac, garnet, bgs.....lb. .15 - .16
Orange, D.C., VSO., Diamond, cases..lb. .23 - .24
superfine, bgs., f.o.b. Bost., N. Y..lb. .13½- .14
dlvd. Chicago.....lb. .14½- .15
Pacific Coast.....lb. .16½- .17
T. N., bgs., f.o.b. Bost., N. Y. lb. .12½- .13
dlvd., Chicago.....lb. .13½- .14
Pacific Coast.....lb. .15½- .16
Shellac, varnish, orange, 5-lb. cut, bbls..lb. .90 - 1.06
4½-lb. cut, bbls.....gal. .85 - .95
4-lb. cut, bbls.....gal. .80 - .90
white, 5-lb. cut, bbls....gal. 1.05 - 1.15
4½-lb. cut, bbls.....gal. 1.00 - 1.10
4-lb. cut, bbls.....gal. .95 - 1.05
Silica amorph., dry-grd., 95-97%, 325 mesh, bgs., c.l., works, ton.17.00 - —
l.c.l., 2½ tons, works.ton.19.00 - —
smaller lots, works.ton.20.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works..ton.18.00 - —
l.c.l., 2½ tons, works.ton.19.50 - —
smaller lots works.ton.21.00 - —
400 mesh, bgs., c.l., works, ton.35.00 - —
l.c.l., 2½ tons, works.ton.36.56 - —
smaller lots, works.ton.38.00 - —
96-98%, 325 mesh, bgs., c.l., works..ton.20.00 - —
l.c.l., 2½ tons, works.ton.21.50 - —
smaller lots, works.ton.23.00 - —
99%, 325 mesh, bgs., c.l., works..ton.22.00 - —
l.c.l., 2½ tons, works.ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works..ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silver, bullion.....oz. .44¾- —
Govt. purchase.....oz. .7757- —
Nitrate, vis.....oz. .32¾- .34⅛
Nucleinate, bots., cns., 480 ozs., oz. .30 - .31
Proteinate, bots., cns., 480 ozs., oz. .29 - .30
Simarubra bark, bls.....lb. .28 - .30
Skatol, bots. .....lb.76.00 -80.00
Skullcap, Eastern, bls.....lb. .25 - .26
Western, bls. .....lb. .18 - .20
Skunk cabbage root, bls.....lb. .15 - .16
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .09 - .10
Smalt, black, extra velvet, ctns. lb. .05 - .08
Blue, ctns.....lb. .07 - .09½
Snakeroot, Canad., bls.....lb. .24 - .26
Soapbark, bls.....lb. .07 - .08
crushed, bls., bbls.....lb. .11 - .12
cut, bls., bbls.....lb. .10 - .11
powd., bbls.....lb. .13 - .14
Soda, abietate, dms.....lb. .13 - —
Acetate, anhyd., dms.....lb. .08¼- —
flake, gran., powd., 60% dms..lb. .04¼- .05
Alginate, dms.....lb. .60 - —
Antimoniate, bbls.....lb. .14¾- .15¼
Arsenate, dms., dealers, c.l. works..lb. .08 - —
l.c.l., dms., works.....lb. .08½- —
Arsenite, dry, gray, dms., c.l., dealers' works..lb. .07½- .09½
l.c.l., dms., works.....lb. .08 - .10
white, dms., c.l., dealers' works..lb. .09 - .13
l.c.l., dms., works.....lb. .09½- .13½
liquid, dms., works.....gal. .80 - .83
Soda arsenite, dry, gray prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.
Soda ash, dense, 58%, bgs., c.l. works..100 lbs. 1.25 - —
l.c.l., Zone 1.....100 lbs. 2.03 - —
2 .....100 lbs. 2.18 - —
3 .....100 lbs. 2.43 - —
4 .....100 lbs. 2.83 - —
bbls., c.l., works....100 lbs. 1.50 - —
l.c.l., Zone 1.....100 lbs. 2.25 - —
2 .....100 lbs. 2.40 - —
3 .....100 lbs. 2.65 - —
4 .....100 lbs. 3.05 - —
bulk, c.l., works.....100 lbs. 1.10 - —
extra light, 58%, bgs., c.l., 100 lbs. 1.23 - —
l.c.l., Zone 1.....100 lbs. 1.98 - —
2 .....100 lbs. 2.13 - —
3 .....100 lbs. 2.38 - —
4 .....100 lbs. 2.78 - —
bbls., c.l.....100 lbs. 1.60 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. 1.05 - —
light, 58%, bgs., c.l., works. 100 lbs. 1.23 - —
l.c.l., Zone 1.....100 lbs. 1.98 - —
2 .....100 lbs. 2.13 - —
4 .....100 lbs. 2.78 - —
3 .....100 lbs. 2.38 - —
bbls., c.l., works...100 lbs. 1.50 - —
l.c.l., Zone 1.....100 lbs. 2.25 - —
2 .....100 lbs. 2.40 - —
3 .....100 lbs. 2.65 - —
4 .....100 lbs. 3.05 - —
bulk, c.l.....100 lbs. 1.05 - —
Soda ash l.c.l. prices are per 100 lbs. and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. For ex warehouse, deduct 15c. per 100 lbs. from the above prices; out of town shipments, use ex warehouse prices as f.o.b. cars at warehouse stock point. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N.H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N. C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).

Pyrethrum—Soda Oxalate

Soda, benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
USP, bbls., 4,000 lbs., or more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
dms., 4,000 lbs. or more..lb. .47 - .49
1,000 to 3,900 lbs.....lb. .48 - .50
900 lbs. or less.....lb. .51 - .53
Bicarbonate, gran., bbls., c.l., works..100 lbs. 2.15 - —
powd., bbls., c.l., works.. 100 lbs. 1.75 - —
l.c.l., dlvd. N.Y....100 lbs. 2.39 - —
kgs., c.l.....100 lbs. 2.00 - —
l.c.l., dlvd. N.Y....100 lbs. 2.64 - —
Bichromate, spot, c.l., works, lb. .06½- —
6 cks. or 10 bbls. or over, works..lb. .06¾- —
5 cks. or 9 bbls. or less, works..lb. .07 - —
Bifluoride, bbls.....lb. .12 - —
Bisulphate (see Niter cake).
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.25 - 3.35
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 42 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works.100 lbs. 1.55 - —
33 deg., bbls., c.l., works, 100 lbs. 1.35 - —
l.c.l., bbls., works.100 lbs. 1.60 - —
35 deg., bbls., c.l., works, 100 lbs. 1.40 - —
l.c.l., bbls., works.100 lbs. 1.65 - —
40 deg., bbls., works.100 lbs. 1.55 - —
l.c.l., bbls., works.100 lbs. 1.80 - —
Bromide, U.S.P., gran., bbls., 500 lbs..lb. .31 - —
fiber dms., 100 lbs.....lb. .32 - —
Cacodylate, bots, 5 lbs.....lb. 6.82 - —
jars, 25 lbs.....lb. 6.50 - —
Carbonate (see Soda ash, soda monohydrated soda, sal)
Caustic, flake, 76% l, grd., powd., ammon. process, bbls., c.l., works..100 lbs. 3.25 - —
dms., c.l., works...100 lbs. 3.00 - —
l.c.l., Zone 1....100 lbs. 3.45 - 4.00
2 .....100 lbs. 3.60 - 4.05
3 .....100 lbs. 3.85 - 5.20
4 .....100 lbs. 4.25 - 5.60
electro process, dms., c.l., works..100 lbs. 2.95 - —
l.c.l, same zone prices as ammonia process.
liquid, 47-49% buyer's tanks, works..100 lbs. 2.22½- —
seller's tanks, works.....100 lbs. 2.25 - —
70%, buyer's tanks, works, 100 lbs. 2.27½- —
seller's tanks, works.....100 lbs. 2.30 - —
solid, 76%, ammon. process, dms., c.l., works..100 lbs. 2.60 - —
l.c.l., Zone 1....100 lbs. 3.05 - —
2 .....100 lbs. 3.20 - —
3 .....100 lbs. 3.45 - —
electro process, dms., c.l., works..100 lbs. 2.55 - —
l.c.l., same zone prices as ammon. process.
Caustic soda l.c.l. prices are on the same basis as those for soda ash. The same zones are also the same.
Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- .08
powd., bgs., c.l., works..lb. .06¾- —
l.c.l., works.....lb. .07 - .08¼
Citrate, U.S.P. VIII, gran., bbls..225 lb. .21 - —
cns. 50 lbs.....lb. .23 - —
25 lbs.....lb. .25 - .26
kgs., 100 lbs.....lb. .22 - —
USP X, gran., bbls., 250 lbs. lb. .27½- —
cns. 50 lbs.....lb. .29½- —
25 lbs.....lb. .31½- .32¾
kgs., 100 lbs.....lb. .28 - —
powd., bbls., 250 lbs.....lb. .28 - —
cns., 50 lbs.....lb. .30 - —
25 lbs.....lb. .32 - .33
kgs. 100 lbs.....lb. .29 - —
Cyanide, 96-98%, dom., dms..lb. .16½- .17¼
Import., cs.....lb. .16¼- .17
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila...lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .07½- —
5-9, same basis.....lb. .08 - —
1-4, same basis.....lb. .08¼- —
95%, bbls., c.l., same basis, lb. .07½- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9 same basis.....lb. .08¼- —
1-4, same basis.....lb. .08½- —
Soda fluoride prices at Los Angeles are f.a.s. Phila.
Glycerophosphate, N.F., cryst., bbls., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
powd., bbls., 1,000 lb. lots, lb. 1.05 - —
smaller lots.....lb. 1.20 - —
cns., 25 lbs.....lb. 1.45 - —
Hydrosulphite, bbls.....lb. .16 - .17
Hydroxide, USP, sticks, cns., 100 lbs..lb. .23 - .24
Hypophosphite, N.F., cns., 100 lbs..lb. .67 - —
Hyposulphite, cryst., large, bbls., 100 lbs. 2.40 - 2.65
pea, bbls.....100 lbs. 2.50 - 3.05
gran., bbls.....100 lbs. 2.75 - 3.30
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars.....lb. 1.90 - 1.96
Mandelate, bots., 5 lbs.....lb. 4.00 - —
dms., 25 lbs.....lb. 3.75 - —
Metanilate, kgs.....lb. .41 Nom.
Metasilicate, cryst., bbls., c.l., works..100 lbs. 2.75 - —
gran., bbls., c.l., works.100 lbs. 2.15 - —
l.c.l., dlvd.....100 lbs. 2.60 - 2.80
Molybdate, tech., anhyd., kgs., lb. .70 - .75
cryst., kgs.....lb. .60 - .65
Monohydrated, bbls.....100 lbs. 2.00 - —
works .....100 lbs. 2.50 - —
Naphthenate, bbls.....lb. .19 - —
Naphthionate, bbls.....lb. .52 - .54
Nitrate, crude, 100-lb. bgs., Aug.-June dlvy, ports.ton.29.00 - —
200-lb. bgs., same basis, ton.28.30 - —
bulk, Aug.-June, same basis, ton.27.00 - —
rfd., gran., bbls., 25..100 lbs. 2.25 - —
5-24 .....100 lbs. 2.40 - —
1-4 .....100 lbs. 2.65 - —
powd., bbls., ton lots....lb. .05¾- —
smaller lots.....lb. .06¼- —
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized..lb. .07 - —
c.l., West Coast, f.o.b. ports..lb. .08¼- —
l.c.l.....lb. .08½- .11¼
Soda nitrite l.c.l. price range represents delivery at various points.
Oxalate, neut., bbls.....lb. .09 - —
kgs. .....lb. .11 - —

Soda Perborate—Xylidin

Soda, perborate, NF, bbls., c.l., works..lb. .14¾ -
l.c.l. works..lb. .15¼ -
Phosphate, dibasic, tech., bgs., c.l., works..100 lbs. 1.70 -
l.c.l., works..100 lbs. 1.90 -
bbls., c.l., works..100 lbs. 1.90 -
l.c.l., works..100 lbs. 2.10 -
monobasic, anhyd., bbls., c.l. 100 lbs. 7.51 -
l.c.l. ..100 lbs. 8.26 -
tribasic, bgs., c.l., works.... 100 lbs. 1.85 -
l.c.l., works..100 lbs. 2.25 -
bbls., c.l., works..100 lbs. 2.05 -
l.c.l., works..100 lbs. 2.45 -
kgs., c.l., works..100 lbs. 2.55 -
l.c.l., works..100 lbs. 2.95 -
Picramate, kgs..lb. .65 -
Prussiate, yellow, bbls., works, lb. .10 - .11⅛
Pyrophosphate, anhyd., bbls.lb. .10 -
cryst., bbls..lb. .09½-
Sal, bgs., dlvd., N. Y...100 lbs. 1.20 -
works ..100 lbs. 1.00 -
bbls., dlvd. N. Y.....100 lbs. 1.30 -
works ..100 lbs. 1.10 -
Salicylate, bxs..lb. .47 -
Sesquisilicate, dms., c.l., works, 100 lbs. 2.00 -
20 dms. and up, delvd. N.Y.C. 100 lbs. 3.65 -
5-19 dms..100 lbs 4.10 -
1-4 dms..100 lbs. 4.80 -
Silicate, 40° turbid, dms., c.l., works..100 lbs. .80 -
l.c.l., 5 or more, works, 100 lbs. 1.05 -
1-4, works..100 lbs. 1.20 -
62° dms., c.l., works..100 lbs. 1.25 -
l.c.l., 5 or more, works, 100 lbs. 1.60 -
1-4, works..100 lbs. 1.75 -
Silicofluoride, dom., bbls....lb. .05¾- .06
import, bbls..lb. .05¾- .06
Stannate, dms..lb. .37½- .40½
Stearate, lump, powd., bbls. work.. .24 -
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works, 100 lbs. 1.70 - 1.90
less than 5 tons, works, 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 -
l.c.l., 5 tons or over, dlvd. 100 lbs. 2.75 -
less than 5 tons, dlvd. 100 lbs. 3.00 -
solid, bbls., c.l., works.100 lbs. 3.00 -
l.c.l., 5 tons or over, dlvd. 100 lbs. 3.50 -
less than 5 tons, dlvd. 100 lbs. 3.75 -
Sulphite, cryst., bgs., works... 100 lbs. 2.10 - 2.35
bbls. ..100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 -
l.c.l., 5 or more...100 lbs. 5.50 -
1-4 ..100 lbs. 6.00 -
Sulphocarbolate, cs..lb. .27 - .28
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 -
Thiosulphate (see hyposulphite)
Tungstate, CP, kgs..lb. No prices
tech., kgs..lb. No prices
Solvent naphtha, high-flash, dms., works, frt. equald.gal. .36 -
tanks, same basis.....gal. .31 -
water-white, dms., works.gal. .35 -
tanks, E. of Omaha, frt. alld..gal. .30 -
W. of Omaha, works.gal. .30 -
Sorbitol, com'l, syrup, dms., basis sorbitol cont., works, lb. .25 -
Sparteine sulphate, cns.....oz. 1.10 - 1.15
Spearmint leaves, bls.....lb. .20 - .22
Spikenard root, bls.....lb. .15 - .17
Spruce extract, bbls., works...lb. .01½-
tanks, works..lb. .01 -
powd., bgs..lb. .04½-
super, bbls., works.....lb. .01¾-
tanks, works..lb. .01¾-
Squawvine leaves, bls.....lb. .15 - .17
Squill, red, bls..lb. .14 - .15
White, bls..lb. .07 - .08
powd., bbls., bxs..lb. .12 - .13
St. Ignatius beans, bgs..lb. .31 - .32
St. John's bread, bls..lb. .08¼- .09
Starch, corn, pearl, bgs..100 lbs. 3.78 - 3.98
powd., bgs. ..lb. 3.88 - 4.08
Iodide, bots..lb. 1.87 -
Potato, dom., bgs..lb. .05½ Nom.
import., bgs..lb. .05½ Nom.
Rice, bbls..lb. .07¼ Nom.
Wheat, thick boil, bbls.....lb. .07 Nom.
Stavesacre seed, bgs.....lb. .25 - .26
Stearin, oleo, bbls.....lb. .09¾- .09¾
Stillingia root, bls..lb. .09¼- .10
Stoneroot, bls..lb. .06¼- .07
Storax, cs..lb. .33 - .50
Stramonium leaves, bls.....lb. .11 - .12
seed, bgs..lb. .09 - .10
Strontium bromide, fib. dms..lb. .57 - .58
kgs., 150 lbs..lb. .55 -
Carbonate, pure, bbls.....lb. .30 - .31
Iodide, jars, 25 lbs..lb. 2.70 -
bots., 5 lbs..lb. 2.76 -
Nitrate, dom., bbls., c.l., works..lb. .07¾- -
25 bbls. and over.....lb. .08¼- -
1-4 bbls. and over.....lb. .08¾- -
import, bbls..lb. .08¼- .09
Strophanthus seed, Kombe, bgs.lb. 1.45 - 1.50
Strychnine, cryst., cns.....oz. .48 - .51
powd., cns..oz. .38 - .41
Acetate, cns..oz. .64 -
Arsenate, cns..oz. .66 -
Arsenite, cns..oz. .64 -
Glycerophosphate, cns.....oz. .65 -
Hydrochloride, cns..oz. .64 -
Hydrophosphite, cns.....oz. .75 -
Nitrate, cns..oz. .58 -
Phosphate, cryst., cns.....oz. .65 -
Sulphate, cryst., cns.....oz. .42 - .45
powd., cns..oz. .52 - .55
Sucrose octa - acetate, denat. grade, bbls., l.c.l., works.lb. .45 -
tech., bbls., l.c.l., works....lb. .40 -
Sugar coloring, bbls.....gal. .75 - 1.10
Milk, bbls, c.l.....lb. .15 -
l.c.l., 10 or over.....lb. .16 -
less than 10.....lb. .17 -
Sulfanilamide, 5 lb. bots.....lb. 3.65 -
fib., dms..lb. 3.25 - 3.40
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - 5.30
Sulphur, crude, bulk, 1,000 tons, mines, contracts, long ton.18.00 -
c.l., spot, nearby, long ton.21.00 -
ex vessel, Balto., N. Y., Phila., Southern ports, long ton.22.00 -25.00
Bost., Portland..long ton.22.50 -25.50
flowers, bgs., c.l., works.100 lbs. 3.00 -
bbls., works.....100 lbs. 3.25 -
l.c.l., bgs., works..100 lbs. 3.35 - 3.75
bbls, wks.....100 lbs. 3.70 - 4.10
Sulphur, refined, broken, bgs., c.l., works..100 lbs. 2.15 -
bbls., works.....100 lbs. 2.30 -
l.c.l., bgs., works..100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 3.05
flour, com'l., bgs., c.l., works, 100 lbs. 1.65 -
bbls., c.l., works..100 lbs. 1.95 -
l.c.l., bgs., works..100 lbs. 1.95 - 2.35
bbls., works.....100 lbs. 2.30 - 2.70
extra fine, bgs., c.l., works, 100 lbs. 2.85 -
bbls., works....100 lbs. 3.20 -
heavy, bgs., c.l., works, 100 lbs. 2.55 -
bbls., works....100 lbs. 2.90 -
l.c.l., bgs., works..100 lbs. 2.90 - 3.30
bbls., works....100 lbs. 3.25 - 3.65
light, bgs., c.l., works..100 lbs. 2.65 -
bbls., works....100 lbs. 3.00 -
l.c.l., bgs., works..100 lbs. 3.00 - 3.40
bbls., works....100 lbs. 3.35 - 3.75
rock, virgin, bbls., c.l., works, 100 lbs. 2.30 -
l.c.l., bbls., works.100 lbs. 2.15 -
roll, bgs., c.l., works..100 lbs. 2.35 -
bbls., works....100 lbs. 2.50 -
l.c.l., bgs., works..100 lbs. 2.70 - 3.10
bbls., works....100 lbs. 2.85 - 3.25
Chloride, 55-gal. dms., c.l...lb. .03 -
l.c.l., dms., works....lb. .04 -
10-gal. dms., c.l.....lb. .07 -
l.c.l. ..lb. .08 -
Dioxide, liq., com'l. cyls., works..lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works .....lb. .04 - .05
refrigeration, cyls., works.lb. .16 - .40
multi-unit cars, works..lb. .07½- .10
Iodide, bots., jars.....lb. 3.80 - 3.85
Sumac, grd., Sicilian, bls....ton.58.50 -
leaf, bales..ton.63.50 -
Extract, 42°, bbls.....lb. .05¼- .06¼
51°, bbls..lb. .06½- .08½
stainless, bbls..lb. .08½- .09¼
Sunflower seed, Calif., large, bgs., lb. .06¼- .06½
medium, bgs..lb. .05½- .06
poultry, bgs..lb. .05 - .05½
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto. ton. 8.50 -
run-of-pile, basis 16%, bulk, same basis..ton. 8.00 -
triple, 44-45%, a.p.a. bulk, f.o.b. Balto..unit-ton. .70 Nom.

T

Talc, dom., Calif., 1, bgs., c.l., mills..ton.20.00 -
2, bgs., c.l., mills.....ton.17.00 -
N.Y., fibrous, 93-94%, 325 mesh, bgs., c.l., mills. ton.14.00 -
l.c.l., mills..ton.16.00 -
96.98%, 325 mesh, bgs., c.l., mills..ton.15.00 -
l.c.l., mills..ton.17.00 -
98-99¼%, 325 mesh, bgs., c.l., mills..ton.15.25 -
l.c.l., mills..ton.17.25 -
99.85-99.95% 325 mesh, bgs., c.l., mills..ton.17.00 -
coarse, off color, bgs., c.l., mills..ton.11.00 -13.00
Ohio, alum-magn. type, grd., bgs., c.l., mills..ton.21.00 -
l.c.l., mills..ton.24.00 -
Vermont, bgs., c.l., mills.ton.14.00 -
l.c.l., ex whse..ton.25.00 -
Import, Canad., bgs., c.l., dlvd..ton.28.00 -
l.c.l., dlvd..ton.28.50 -
French, high-grade, bgs., l.c.l., ex whse..ton.45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton.23.00 -25.00
l.c.l., ex whse.....ton.27.50 -32.50
Italian, 1, bgs., ex dock, arrival..ton.65.00 -67.00
ex whse..ton.85.00 -
2, bgs., ex dock, arrival.ton.60.00 -62.00
Tallow, animal, edible, bbls...lb. .08¾ Nom.
extra, loose, works.....lb. .08¾- -
special, loose, works.....lb. .08¼- -
sulphonated 35% (24% fat), dms., c.l..lb. .07 -
l.c.l. ..lb. .07½- -
50% (43% fat), dms., c.l..lb. .07½- -
l.c.l. ..lb. .08 -
50% (48% fat), dms., c.l..lb. .08 -
l.c.l. ..lb. .08½- -
Tamarinds, W. I., bbls.....lb. .06 - .06½
kegs ..keg. 5.00 - 5.25
Tankage, animal, dom., grd., 10-12% ammon., 15-20% b.p.l., bulk.....unit-ton. 3.60 & .10
unground, 9-11% ammon., 15-20% b.p.l., bulk..... unit-ton. 3.60 & .10
fertilizer grade, 10-11% ammon., 15-20% b.p.l., bulk, Chicago..unit-ton. 3.25 & .10
high-grade feeding, bulk, Chicago..unit-ton. 3.50 & .10
import., S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f. ports, shipt. unit-ton. 3.70 & .10
Tansy leaves, bls..lb. .18 - .20
Tapioca flour, bgs..lb. .03¼- .05¼
Tar acid oil, 15%, dms., c.l., works..gal. .22½- -
l.c.l., same basis.....gal. .25½- -
25%, dms., c.l., works....gal. .26½- -
l.c.l., same basis.....gal. .29½- -
Pine, retort, dms., c.l., dlvd. E. cities..gal. .26 -
dlvd. ports.....gal. .25 -
l.c.l. ..gal. .26 -
tanks, dlvd. E. cities....gal. .20 -
Tartar emetic tech., fine gran., bbls., 5 or more..lb. .26¾- -
less than 5.....lb. .27 -
powd., bbls., 5 or more..lb. .26¾- -
less than 5.....lb. .27 -
USP. powd., bbls.....lb. .32 - .32½
Terebene, cns..lb. .70 - .75
Terpinyl acetate, cns.....lb. .80 - 1.00
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .26 -
dms. ..lb. .23 -
Alpha, denat. grade, dms., c.l. lb. .14¾- -
contracts ..lb. .13¾- -
tanks ..lb. .14 -
contracts ..lb. .13 -
Terra alba (see Gypsum).
Tetrachloroethane, dms., works.lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21½- -
tech., dms..lb. .10½- -
Tetralin, dms..lb. .12 -
Thallium sulphate, 99% pure, dms. works..lb. 7.25 - 7.50
Theobromine, cns.....lb. 1.85 - 1.95
Sodiosalicylate, cns.....lb. 1.65 - 1.75
Thiocarbanilide, dms.....lb. .20 -
Thorium nitrate, cs., works...lb. 2.00 -
Thyme, French, bls.....lb. .10½- .11
Thymol, bots., 100 lbs.....lb. 1.65 -
smaller lots.....lb. 1.70 - 1.95
Iodide, kgs., 50 lbs.....lb. 3.15 - 3.20
25 lbs..lb. 3.25 - 3.30
Timbo root, powd., imp't., 5% rotenone, bbls., ex-dock, approved assay, 15 tons lb. .26 -
5 tons, same bases....lb. .27 -
4% rotenone prices 5c. per lb., less.
Tin, crystals, bbls., kgs.....lb. .41½- .42
Metal, Straits.....lb. .58½- -
Oxide, bbls..lb. .58 - .60
Tetrachloride, anhyd., bbls..lb. .20½- -
Titanium, dioxide, bgs., c.l. (20 tons), E. frt. alld..lb. .16 -
Pac. cst., f.o.b. terminals, lb. .16 -
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .16½- -
Pac. cst., ex whse...lb. .16½- -
50-999 lbs., E. dlvd.....lb. .16¾- -
Pac. cst., ex whse....lb. .16¾- -
under 50 lbs., E. dlvd..lb. .19 -
Pac. cst., ex whse....lb. .19 -
bbls., c.l. (20 tons) E., frt. alld..lb. .16¼- -
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .16¾- -
50-999 lbs., E. dlvd.....lb. .17 -
pigment, barium calcium or magnesium base, bgs., c.l., E. frt. alld.....lb. .05¾- -
Pac. cst., f.o.b. terminal. lb. .05¾- -
l.c.l., E. dlvd.....lb. .06¼- -
Pac. cst., ex whse..lb. .06¼- -
under 50 lbs., E. dlvd.lb. .06¾- -
bbls., c.l., E., frt. alld...lb. .06¼- -
l.c.l., E. dlvd.....lb. .06¾- -
Tolidin base, kgs.....lb. .88 - .90
distilled, kgs..lb. .95 - 1.00
Tolu, balsam, cns.....lb. .48 - .50
Toluidin, mixed, dms.....lb. .26 -
Toluol (toluene), pure, dms., works..gal. .35 -
tanks, E. of Omaha, frt. alld. gal. .30 -
W. of Omaha, works....gal. .30 -
Tonga vine, NF, bls..lb. .28 - .30
Tonka beans, Angostura, cks..lb. 2.50 - 2.60
Triacetin, dms..lb. .36 -
Triamyl borate, dms., l.c.l., works..lb. .27 -
Triamylamine, dms., c.l., works, lb. .77 -
l.c.l. works..lb. .80 -
Trichloroethylene, dms., c.l., works, frt. alld. E. of Rockies..lb. .089 -
W. of Rockies.....lb. .099 -
l.c.l., works, frt. alld., E. of Rockies..lb. .094- -
W. of Rockies.....lb. .104 -
Tricresyl phosphate, CP, cns., dlvd..lb. .42 - .53
dms., c.l., dlvd.....lb. .36 -
500 lbs., dlvd.....lb. .39 -
tech., 1, cn., dlvd.....lb. .30 - .41
dms., c.l., dlvd.....lb. .26½- -
500 lbs., dlvd.....lb. .27 -
2, cns., dlvd.....lb. .28 - .39
dms., c.l., dlvd.....lb. .24½- -
500 lbs., dlvd.....lb. .25 -
Triethanolamine, dms., c.l., works, lb. .21 -
l.c.l., works..lb. .22 -
tanks, works..lb. .20 -
Triethylene glycol, dms., l.c.l., works..lb. .26 -
Triphenyl phosphate, dms....lb. .34 - .38
Tripoli, air-floated, bgs., c.l., works..ton.25.00 -
l.c.l., ex whse., N.Y....ton.40.00 -
1 ton, works.....ton.30.00 -
1 bg., works.....bag. 4.00 -
double-grd., bgs., c.l. works.. ton.17.00 -
l.c.l., 1 ton, works.....ton.22.50 -
1 bg., works.....bag. 5.50 -
once-grd., bgs., c.l., works..ton.20.00 -
l.c.l., 1 ton, works.....ton.20.00 -
1 bg., works.....bag. 3.00 -
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 98%, dms., lb. No prices
99%, dms..lb. No prices
Oxide, CP, kgs..lb. No prices
tech., kgs..lb. No prices
Turmeric root, Alleppey, bgs..lb. .06 - .06½
Madras, bgs..lb. .06½- .07
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .38 -
l.c.l., 10, ex dock.....gal. .40 -
5, ex dock.....gal. .42 -
wood, dest.-dist., dms., c.l., dlvd. E. cities, ports...gal. .36 -
l.c.l., same basis....gal. .38 -
tanks, dlvd. E. cities..gal. .33 -
steam-dist., dms., c.l., dlvd.gal. .37 -
l.c.l., dlvd.....gal. .40 -
tanks, dlvd.....gal. .32 -

U

Unicorn root, false (see Helonias root).
True (see Aletris root.)
Uranium oxide, kgs.....lb. 1.50 -
Urea, dom., 46 + % N, bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 -
smaller lots, f.o.b. Belle, W. Va..ton.95.00 -
f.o.b. N. Y.....ton.101.00 -
import, 46% N. bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt.ton.95.00 -
smaller lots, f.o.b. N. Y. from whse.101.00 -
pure, cs. ..lb. .14¼- .15½
Urea-ammonia liquor 55% ammon., tanks, f.o.b. Belle, W. Va., or Atl. Gulf ports. NH_3 unit. No prices.
Uva ursi leaves, bls.....lb. .15 - .16

V

Valerian root, 67s.....lb. .09 - .10
Valonia, beards, bgs., shipt..ton.46.00 -
Cups, bgs., shipt.....ton.33.50 -
Vanilla beans, Bourbon, tins...lb. 4.25 - 4.50
Mexican, tins.....lb. 4.40 - 4.75
cut, tins.....lb. 4.25 - 4.50
South American, tins.....lb. 4.25 - 4.50
Vanillin, ex eugenol, 25-lb. tins, 2,000 lbs. or more..lb. 3.65 -
1,000 lbs. or more.....lb. 3.70 -
900 lbs. or less.....lb. 3.75 -
5-lb. tins, 2,000 lbs. or more, lb. 3.75 -
1,000 lbs. or more.....lb. 3.80 -
900 lbs. or less.....lb. 3.85 -
1-lb. tins, 2,000 ls. or more. lb. 3.90 -
1,000 lbs. or more.....lb. 3.95 -
900 lbs. or less.....lb. 4.00 -
1-oz. tins, 2,000 lbs. or more. lb. 4.25 -
1,000 lbs. or more.....lb. 4.30 -
900 lbs. or less.....lb. 4.35 -
single lbs..lb. 4.80 -
single ozs..lb. 5.15 -
Vanillin, ex guaiacol, 10c. per lb. less.
Venice turpentine, true, cs....lb. .35 - .36
Verdigris, bbls., kgs.....lb. .24 - .30
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.....lb. .35 - .37
tree, bark, bls.....lb. .25 - .26
Wattle bark, bgs., shipt.....ton.41.75 -43.75
Extract, bbls..lb. .04¾- -
Wax, bayberry, import, bgs...lb. .17 - .17⅛
Bees, white, bleach, slabs., cs., 500 lbs. .39 - .45
yellow, crude, Africa, bgs., lots of 10..lb. .27½- .28
1 bg..lb. .28 - .28½
Brazil, Chile, bgs., 5-10 tons. lb. .32 - .32½
1 ton..lb. .32½- .33
500 lbs..lb. .33 - .33½
100 lbs..lb. .33½- .34
refd., slabs, cs., lbs.....lb. .35 - .39
Candelilla, bgs., 1 ton.....lb. .14 - .14½
jobbing lots..lb. .14½- .15
Carnauba, bgs., No. 3 chalky 1 ton..lb. .38¾- .39
5 bgs..lb. .39¼- .39½
1 bg..lb. .39½- .39¾
N. C. 2, bgs..lb. .41¾- .42
N. C. 3, bgs, 1 ton.....lb. .38¾- .39
5 bgs..lb. .39¼- .39½
1 bg..lb. .39½- .39¾
refined, bgs..lb. .42¾- .43
yellow, 1, bg., 1 ton.....lb. .47 - .47½
5 bgs..lb. .47½- .48
1 bg..lb. .48 - .48½
2 bgs..lb. .45½- .46
Ceresin, dom., 138°-140° m.p., bgs., 1 ton..lb. .08½- -
jobbing lots..lb. .09½- -
150°-160° m.p., bgs., 1 ton.lb. .09½- -
jobbing lots..lb. .10½- -
160° m.p., bgs., 1 ton.....lb. .10½- -
jobbing lots..lb. .11½- -
Japan, cs..lb. .09½- .10
Montan, bgs., c.l..lb. .11 -
5 tons..lb. .11¼- .11¾
less than 1 ton..lb. .11½- .12
Ozokerite, hard green, congeal p. 66°-68° C., bgs..lb. .62 Nom.
70°-72° C., bgs..lb. .85 Nom.
74°-76° C., bgs..lb. .88 Nom.
snow-white, pure, 76°-78° C., bgs..lb. .45 - .46
yellow, natural, 76°-78° C., bgs..lb. .35 - .36
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .23 - .24
cakes, cs..lb. .24 - .25
White lead (see Lead, White).
White pine bark, rossed, bls...lb. .05½- .06
White precipitate, powd., bots. 5 lbs..lb. 1.99 -
dms. ..lb. 1.86 - 1.88
Whiting, chalk, com'l., dry-grd., bip. bgs., c.l., works.ton.12.00 -
l.c.l., works.....ton.14.00 -
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 -
pap. bgs., c.l., works.ton.11.20 -13.50
l.c.l., works.....ton.13.20 -14.50
wet-grd., bgs., c.l., works, ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
gilder's bolted, bip. bgs., c.l., works..ton.15.00 -
l.c.l., works.....ton.16.00 -
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works.ton.14.60 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, bip. bgs., c.l., works..ton.15.00 -
l.c.l., works.....ton.16.00 -
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works.ton.14.60 -17.50
l.c.l., works.....ton.15.60 -18.50
Paris white, bip. bags., c.l., works..ton.15.00 -
l.c.l., works.....ton.16.00 -
bbls., c.l., works.....ton.18.00 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works.ton.14.60 -20.00
l.c.l., works.....ton.15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
Limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l., works..ton. 9.35 -
99.75% 200 mesh, paper bgs., c.l., same basis.ton. 8.60 -
90% 200 mesh, paper bgs., c.l., same basis..ton. 6.25 -
gilders, bgs. (extra), c.l., works..ton.11.50 -
l.c.l., 8-20 tons, works.ton.12.50 -
4-8 tons, works.....ton.13.50 -
2-4 tons, works.....ton.14.50 -
extra, bgs., (extra), c.l., works..ton.12.50 -
l.c.l., 8-20 tons, works, ton.13.50 -
4-8 tons, works....ton.14.50 -
2-4 tons, works.....ton.15.50 -
putty grade, bgs. (extra), c.l., works..ton.11.00 -
l.c.l., 8-20 tons, works.ton.12.00 -
4-8 tons, works.....ton.13.00 -
2-4 tons, works.....ton.14.00 -
water-floated, bgs, (extra), c.l., works..ton.11.50 -
l.c.l., 8-20 tons, works.ton.12.50 -
4-8 tons, works.....ton.13.50 -
2-4 tons, works.....ton.14.50 -
precipitated, bgs., c.l., works, ton.15.00 -
l.c.l., 5 tons, works....ton.20.00 -
smaller lots, works....ton.25.00 -
Wild cherry bark, thick, natural, bls..lb. .04½- .05
rossed, bls..lb. .06½- .07
thin, natural, bls.....lb. .06½- .07
rossed, green, bls.....lb. .10 - .11
Wild indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF, bbls..gal. .55 - .65
Leaves, bls..lb. .07½- .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton.25.00 -
standard, bgs., c.l., works.. ton.20.00 -
import, 40-60 mesh, bgs., ex dock..ton.20.00 -
70-80 mesh, bgs., ex dock..ton.22.00 -
100 mesh, bgs., ex dock...ton.27.00 -
120 mesh, bgs., ex dock...ton.33.00 -
Wormseed, American, bgs....lb. .19 - .20
Levant, bgs..lb. 3.90 - 4.00
Wormwood, bls..lb. .09 - .10

X

Xylol (xylene), coml., dms., works..gal. .35 -
tanks, E. of Omaha, frt. alld., gal. .30 -
W. of Omaha, works...gal. .30 -
tanks, E. of Omaha, frt. alld., gal. .41 -
W. of Omaha, works....gal. .41 -
5°, dms., works.....gal. .41 -
tanks, E. of Omaha, frt. alld., gal. .36 -
W. of Omaha, works....gal. .36 -
10°, dms., works.....gal. .38 -
tanks, E. of Omaha, frt. alld., gal. .38 -
W. of Omaha, works....gal. .38 -
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., cns.	lb.	1.25 - 1.50
Yellow, cadmium, CP, import., bxs.	lb.	1.80 - 2.50
lithopone, all shades, bbls., 1 ton, works, frt. alld.	lb.	.45 - —
smaller lots, same basis,	lb.	.50 - —
kgs., ton lots, same basis,	lb.	.50 - —
smaller lots, same basis,	lb.	.55 - —
sulphide, orange, bbls., works,	lb.	1.30 - 1.40
Chrome, CP, bbls., dlvd. N of Tenn. and N. C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts.	lb.	.14½- —
open order	lb.	.15½- —

Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1½c.; El Paso 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Dutch, pink, bbls.	lb.	.09 - .11
Mercury oxide (see M).		
Ocher, Amer., golden, A, bbls., works.	lb.	.06¼- —
B, bbls., works	lb.	.04½- —
C, bbls., works	lb.	.03½- —
yellow, A, bbls., works.	lb.	.02¾- —
B, bbls., works	lb.	.02½- —
C, bbls., works	lb.	.02 - —
D, bbls., works	lb.	.0195- —
E, bbls., works	lb.	.01775- —
F, bbls., works	lb.	.01½- —
G, bbls., works	lb.	.01½- —
H, bbls., works	lb.	.01½- —
French, all shades, cks., c.l., ex dock, Balto, Boston, N. Orleans, for import.	lb.	.02475- —
New York (f.o.b.).	lb.	.02½- —
Philadelphia, for import.	lb.	.02¾- —
Portland, Seattle.	lb.	.03 - —
San Pedro, S. Francisco.	lb.	.0290- —
l.c.l., ex dock, Balto., Boston, N. Orleans.	lb.	.02575- —
New York.	lb.	.02½- —
Philadelphia, for import.	lb.	.02¾- —
Portland, Seattle.	lb.	.03½- —
San Pedro, S. Francisco.	lb.	.03 - —
ex whse., Balto., Boston, N. Orleans.	lb.	.02725- —
Chicago, E. St. Louis, Ind'polis, K. City, Milwauk., St. Louis,	lb.	.03⅝- —
Minneapolis	lb.	.03½- —
New York	lb.	.02¾- —
Pittsburgh	lb.	.03¼- —
Portland, Seattle.	lb.	.03⅜- —
San Pedro, S. Francisco.	lb.	.03¼- —
f.o.b. N. Y. from dock,	lb.	.02¾- —
from whse.	lb.	.02¾- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem Easton, N.Y.,	lb.	.04½- —
l.c.l., same basis	lb.	.04¾- —
synth., bbls., c.l., works	lb.	.06¾- —
l.c.l., works	lb.	.07 - .07¼
Persian orange (see O).		
Zinc, bbls., same basis chrome CP, contracts.	lb.	.18 - —
open order	lb.	.19 - —
Yellow dock root, bls.	lb.	.10 - .11
Yellow root (xanthoriza), bls.	lb.	.09 - .10
Yerba santa leaves, bls.	lb.	.09 - .10
Yohimbine hydrochloride, vls.	oz.	2.50 - 2.55

Z

Zinc, arsenate, bgs., cs., c.l., dealers, E. of Rockies.	lb.	.10½- —
l.c.l., bgs., cs.	lb.	.11 - —
arsenite, bgs., c.s., c.l. dealers, of Rockies.	lb.	.10½- —
l.c.l., bgs., cs.	lb.	.11 - —

Zinc arsenate and arsenite prices are works or whse. basis, frt. alld. to dest. in lots of 90 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.

Carbonate, tech., bbls.	lb.	.14 - .15
USP, precip., powd., bbls.	lb.	.31 - —
dms.	lb.	.36 - —
kgs.	lb.	.33 - —
Chloride, fused, dms., c.l., works.	100 lbs.	4.25 - —
l.c.l., works	100 lbs.	4.60 - —
gran., dms., c.l., works.	100 lbs.	5.00 - —
l.c.l., dms., works.	100 lbs.	5.75 - —
solution, dms., works.	lb.	.04¼- —
tanks, works.	lb.	.0225- —
Cyanide, kgs., works.	lb.	.36 - .38
Dust, bbls., c.l., dlvd.	lb.	.0890- —
l.c.l., bbls., dlvd.	lb.	.09½- —
Fluoride, bbls.	lb.	.20 - .25
Iodide, N.F., bots.	lb.	4.15 - —
jars	lb.	4.00 - —
Metal (see daily quotations in report)		Market
Oxide, pigment, dom., Amer., process, coml., lead-free, bgs., c.l., dlvd.	lb.	.06¼- .07½
l.c.l., dlvd. except Pac. cst.	lb.	.06½- .07¾
ex whse., Pac. cst.,	lb.	.06½- .07¾
bbls., c.l., dlvd.	lb.	.06½- .07¾
l.c.l., dlvd., except Pac. cst.	lb.	.06¾- .08
ex whse., Pac. cst.	lb.	.06¾- .08
leaded, 5%, bgs., c.l., dlvd.	lb.	.06½- —
l.c.l., dlvd., except ex whse., Pac. cst.	lb.	.06⅝- —
ex whse., Pac. cs.	lb.	.06⅝- —
bbls., c.l., dlvd.	lb.	.06⅝- —
l.c.l., dlvd., except Pac. cst.	lb.	.06⅝- —
ex whse., Pac. cst.	lb.	.06⅝- —
35%, bgs., c.l., dlvd.	lb.	.06¼- —
l.c.l., dlvd., except Pac. cst.	lb.	.06½- —
ex whse., Pac. cst.	lb.	.06½- —
bbls., dlvd.	lb.	.06½- —
l.c.l., dlvd., except Pac. cst.	lb.	.06¾- —
ex whse., Pac. cst.	lb.	.06¾- —
50%, bgs., c.l., dlvd.	lb.	.06⅝- —
l.c.l., dlvd., except Pac. cst.	lb.	.06⅝- —
ex whse., Pac. cst.	lb.	.06⅝- —
bbls., c.l., dlvd.	lb.	.06⅝- —
l.c.l., dlvd., except Pac. cst.	lb.	.06⅞- —
ex whse., Pac. cst.	lb.	.06⅞- —
French process, coml., lead-free, bgs., c.l., dlvd.	lb.	.06¼- .07½
l.c.l., dlvd., except Pact cst.	lb.	.06½- .07¾
ex whse., Pac. cst.	lb.	.06½- .07¾
Zinc oxide pigment, dom., French process, lead free, bbls., c.l., dlvd.	lb.	.06½- .07½
l.c.l., dlvd., except Pac. cst.	lb.	.06¾- .08
ex whse., Pac. cst.	lb.	.06¾- .08
green seal, ogs., c.l., dlvd.,	lb.	.08 - —
l.c.l., dlvd., except Pac. cst.	lb.	.08¼- —
ex whse., Pac. cst.	lb.	.08¼- —
bbls., c.l., dlvd.	lb.	.08¼- —
l.c.l., dlvd., except Pac. cst.	lb.	.08½- —
ex whse., Pac. cst.	lb.	.08½- —
red seal, bgs., c.l., dlvd.	lb.	.07½- —
l.c.l., dlvd., except Pac. cst.	lb.	.07¾- —
ex whse., Pac. cst.	lb.	.07¾- —
bbls., c.l., dlvd.	lb.	.07¾- —
l.c.l., dlvd., except Pac. cst.	lb.	.08 - —
ex whse., Pac. cst.	lb.	.08 - —
white seal, bgs., c.l., dlvd.	lb.	.08½- —
l.c.l., dlvd., except Pac. cst.	lb.	.08¾- —
ex whse., Pac. cst.	lb.	.08¾- —
bbls., c.l., dlvd.	lb.	.08¾- —
l.c.l., dlvd., except Pac. cst.	lb.	.09 - —
ex whse., Pac. cst.	lb.	.09 - —
import., gold seal, cks, ex whse.	lb.	.13 - .14
green seal, bbls., ex whse.,	lb.	.10 - —
white seal, cks., ex whse.,	lb.	.11 - .12¼
Zinc, oxide, USP, bbls., c.l.	lb.	.09½- —
Palmitate, bbls.	lb.	.23 - .25
Resinate, fused, pale, bbls.	lb.	.19 - —
precip., dms., dlvd.	lb.	.15 - —
Stearate, tech., precip., bbls., ctns., c.l.	lb.	.20 - —
l.c.l., 1 ton	lb.	.21 - —
1,000-2,000 lbs.	lb.	.22 - —
less than 1,000 lbs.	lb.	.23 - —
USP, bbls.	lb.	.21 - —
Sulphate, cryst., bgs., c.l.	100 lbs.	3.15 - —
l.c.l.	100 lbs.	3.90 - —
bbls., c.l.	100 lbs.	3.30 - —
l.c.l.	100 lbs.	4.00 - —
flake, bgs., c.l.	100 lbs.	3.00 - —
l.c.l.	100 lbs.	4.35 - —
bbls., c.l.	100 lbs.	3.75 - —
l.c.l.	100 lbs.	4.50 - —
powd., bgs., c.l.	100 lbs.	5.00 - —
l.c.l.	100 lbs.	5.75 - —
bbls., c.l.	100 lbs.	5.15 - —
l.c.l.	100 lbs.	5.90 - —
Sulphide, bgs., c.l. (20 tons), dlvd.	lb.	.09 - —
l.c.l., dlvd. E. or ex whse., Pac. cst.	lb.	.09¼- —
bbls., c.l. (20 tons), dlvd.	lb.	.09¼- —
l.c.l., dlvd. E. or ex whse., Pac. cst.	lb.	.09½- —
Sulphocarbolate, NF, bbls.	lb.	.24 - .26
Zinc-ammonia chloride, dms., c.l., works.	100 lbs.	5.15 - —
l.c.l., works.	100 lbs.	5.50 - —
Zinc-iron oxide, pigment, bgs., c.l., dlvd.	lb.	.05 - —
l.c.l., dlvd. except Pac. cst.	lb.	.05½- —
ex whse., Pac. cst.	lb.	.05½- —
Zirconium nitrate, kgs., works.	lb.	3.00 - 4.00
Oxide, crude, 73-75%, grd., bbls., works.	ton.	75.00 -100.00
kgs., small lots, works.	lb.	.04¼- .04½
white, 98%, grd., kgs., works.	lb.	1.40 - 1.50

Yara Yara—Bakelite

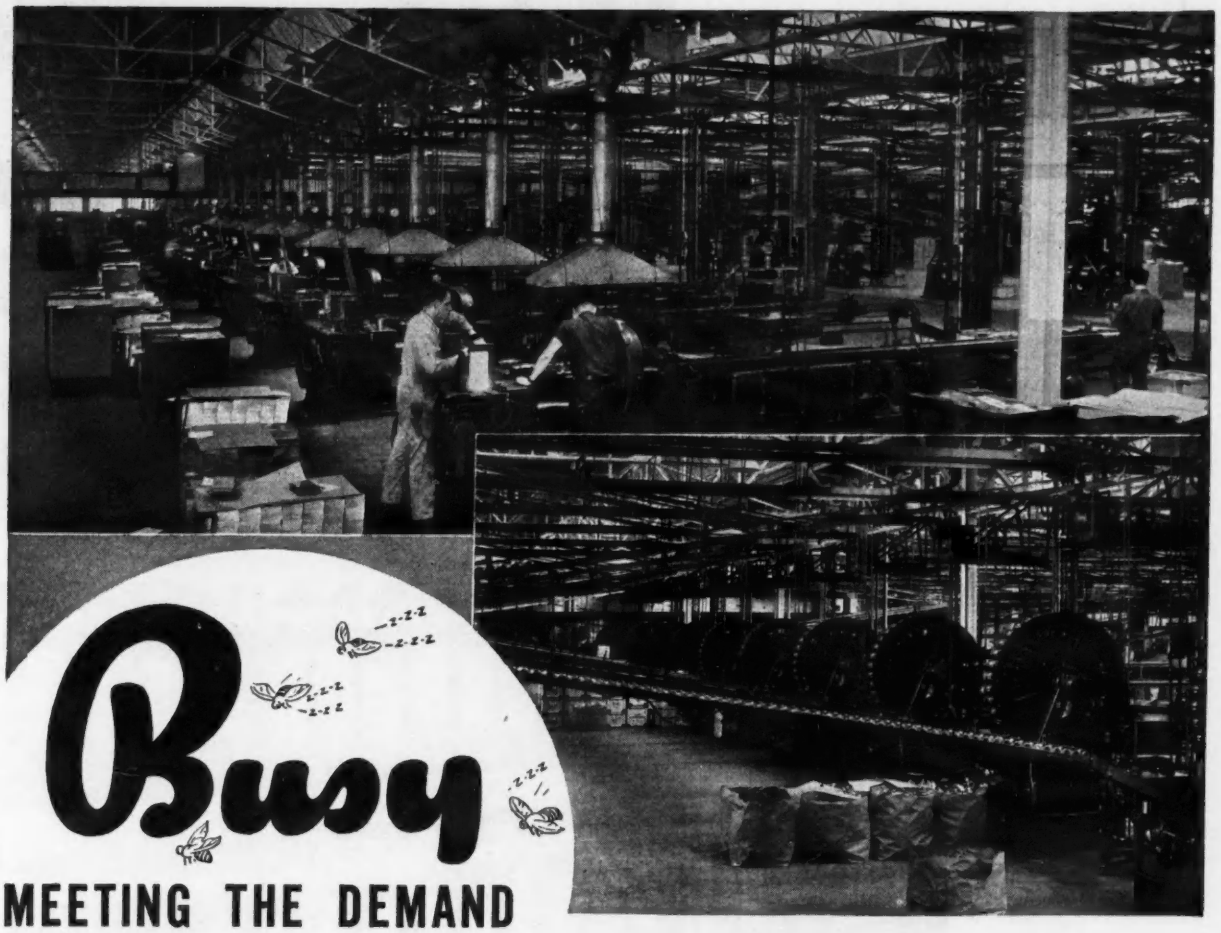
Synthetic Resins
and other
Branded Paint Materials
(Manufacturers' List Prices)

A

Abalyn resin, 55-gal. dms., non-returnable, works.	lb.	.16 - —

B

Bakelite, gooks, BK, 3962, XK 6791, dms., 30,000 lbs., works.	lb.	.22½- —
15,000 lbs., works	lb.	.23 - —
5,000 lbs., works	lb.	.23½- —
lacquer, XR 2342, dms., 30,000 lbs, works.	lb.	.38 - —
15,000 lbs., works	lb.	.38½- —
5,000 lbs., works	lb.	.39 - —
3180, qms., 30,000 lbs., works.	lb.	.59 - —
15,000 lbs., works	lb.	.60 - —
5,000 lbs., works	lb.	.61 - —
4357, dms., 30,000 lbs., works,	lb.	.55 - —
15,000 lbs., works	lb.	.56 - —
5,000 lbs., works	lb.	.57 - —
phenolic, 100%, BR, 254, bbls., 30,000 lbs., works.	lb.	.45 - —
15,000 lbs., works	lb.	.46 - —
5,000 lbs., works	lb.	.47 - —



Busy

MEETING THE DEMAND FOR CROWN CANS . . .

PACKERS CANS FOR 1937
sold f.o.b. Philadelphia, Baltimore, St. Louis, Houston, Madison and other selected points.

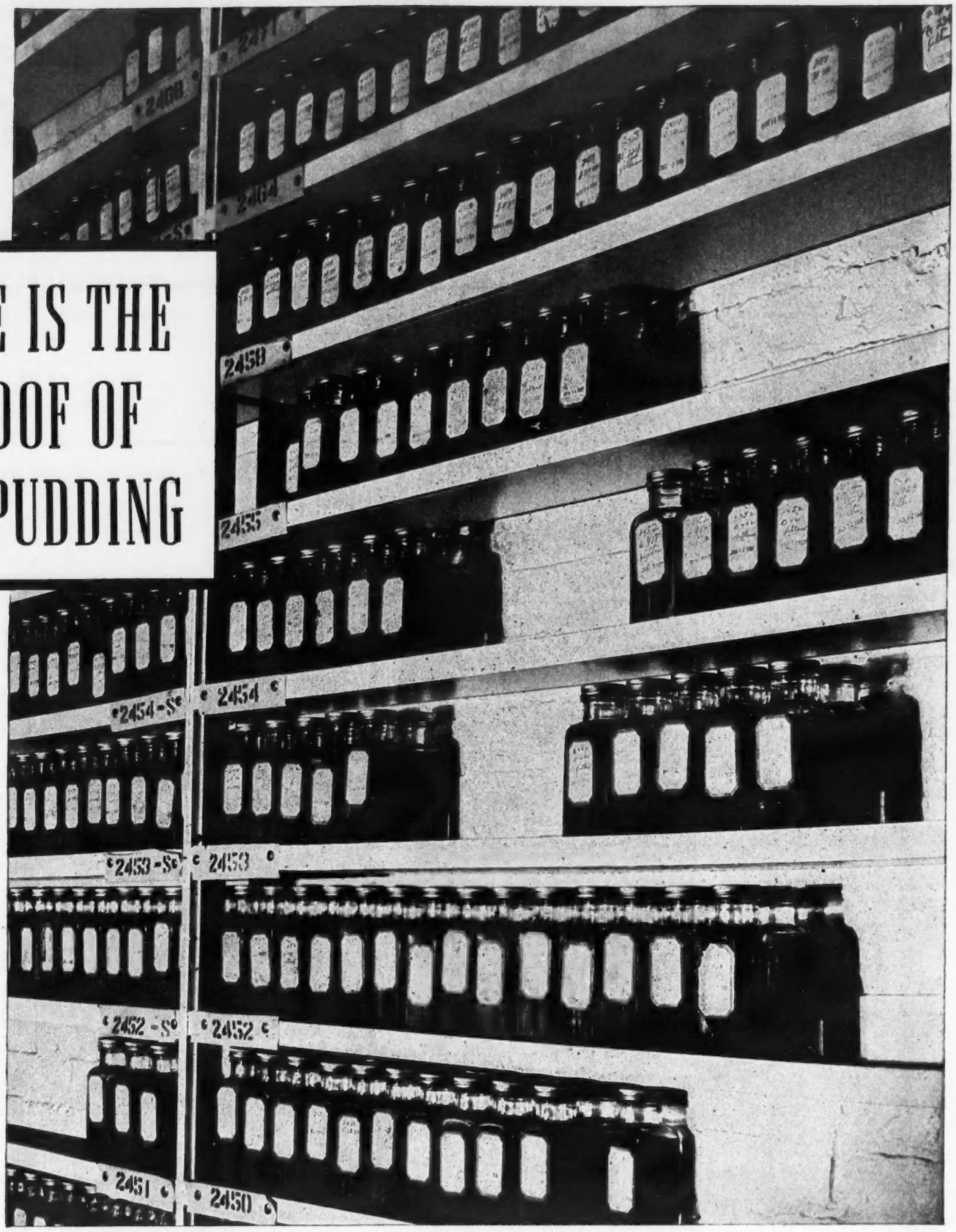
USERS of cans need dependable service. And Crown Can is making sure that they get it. Although a tremendous demand for Crown Cans has resulted from this company's methods of doing business, adequate plant capacity has been provided to meet all commitments for this season. Production is greatly facilitated by the fact that Crown Can Plants are equipped with the latest and most efficient can-making machinery.

Crown Cans and Service offer you many advantages. A representative will give you details without obligation.

Crown Cans

CROWN CAN COMPANY • PHILADELPHIA, PA.
Independent and Helpful
DIVISION OF CROWN CORK & SEAL COMPANY

TIME IS THE PROOF OF THE PUDDING



A retained sample of every batch of Glyptal solution is kept for future testing to determine stability.

Stability is one of the many qualities on which has been built G-E Glyptal's reputation as a superior vehicle. Time is the proof of the pudding as in the case of a sample recently picked at random and tested — three years and five months after the batch was made for the customer.

The retest showed: appearance and color — still clear and brilliant; viscosity — only 180 cp difference; acid number of solution only 0.9 difference. These results are characteristic of the hundreds of retained samples which line the walls of the G-E laboratory, and they assure you of that important quality which is so necessary in the manufacture of your high-quality paints — STABILITY.

GENERAL ELECTRIC

GLYPTAL

APPLIANCE AND MERCHANDISE DEPARTMENT GENERAL ELECTRIC COMPANY, BRIDGEPORT, CONN.

Bakelite phenolic, 100%, BR, 1329, bbls., 30,000 lbs., works..lb. .32 - —
15,000 lbs., works...lb. .33 - —
5,000 lbs., works...lb. .34 - —
3360, bbls., 30,000 lbs., works..lb. .42 - —
15,000 lbs., works..lb. .43 - —
5,000 lbs., works...lb. .44 - —
4006, bbls., 30,000 lbs., works..lb. .55 - —
15,000 lbs., works..lb. .56 - —
5,000 lbs., works...lb. .57 - —
4036, bbls., 30,000 lbs., works..lb. .40 - —
15,000 lbs., works..lb. .41 - —
5,000 lbs., works...lb. .42 - —
6882, bbls., 30,000 lbs., works..lb. .42½- —
15,000 lbs., works..lb. .43½- —
5,000 lbs., works...lb. .44½- —
8900, bbls., 30,000 lbs., works..lb. .48 - —
15,000 lbs., works..lb. .49 - —
5,000 lbs., works...lb. .50 - —
XR, 2987, bbls., 30,000 lbs., works..lb. .32 - —
15,000 lbs., works..lb. .33 - —
5,000 lbs., works...lb. .34 - —
4503, dms., 30,000 lbs., works..lb. .56 - —
15,000 lbs., works..lb. .57 - —
5,000 lbs., works...lb. .58 - —
modified, BR 302, dms., 30,000 lbs., works..lb. .26 - —
15,000 lbs., works..lb. .26½- —
5,000 lbs., works...lb. .27 - —
2072, bbls., 30,000 lbs., works..lb. .23 - —
15,000 lbs., works..lb. .23½- —
5,000 lbs., works...lb. .24 - —
2175, cns., 30,000 lbs., works..lb. .23 - —
15,000 lbs., works..lb. .23½- —
5,000 lbs., works...lb. .24 - —
2963, bbls., 30,000 lbs., works..lb. .24 - —
15,000 lbs., works..lb. .24½- —
5,000 lbs., works...lb. .25 - —
solutions, XJ, 180, dms, 30,000 lbs., works..lb. .17½- —
15,000 lbs., works..lb. .18 - —
5,000 lbs., works..lb. .18½- —
431, dms., 30,000 lbs., works, lb. .22 - —
15,000 lbs., works..lb. .22½- —
5,000 lbs., works..lb. .23 - —
503, dms., 30,000 lbs., works, lb. .25 - —
15,000 lbs., works..lb. .26 - —
5,000 lbs., works..lb. .27 - —
2681, dms., 30,000 lbs., works..lb. .21½- —
15,000 lbs, works..lb. .22 - —
5,000 lbs, works..lb. .22½- —
3079, dms., 30,000 lbs., works..lb. .19½- —
15,000 lbs, works..lb. .20 - —
5,000 lbs., works..lb. .20½- —
3100, dms., 30,000 lbs., works..lb. .19 - —
15,000 lbs., works..lb. .19½- —
5,000 lbs., works..lb. .20 - —

Bakelite, solutions, XJ 6000, dms., 30,000 lbs., works..lb. .26 - —
15,000 lbs., works..lb. .26½- —
5,000 lbs., works..lb. .27 - —
6389, dms., 30,000 lbs., works..lb. .26 - —
15,000 lbs., works..lb. .26½- —
5,000 lbs., works..lb. .27 - —
7506, dms., 30,000 lbs., works..lb. .30 - —
15,000 lbs., works..lb. .30½- —
5,000 lbs., works..lb. .31 - —
8263, dms., 30,000 lbs., works..lb. .22 - —
15,000 lbs., works..lb. .22½- —
5,000 lbs., works..lb. .23 - —
8264, dms., 30,000 lbs., works..lb. .21½- —
15,000 lbs., works..lb. .22½- —
5,000 lbs., works..lb. .23½- —
8344, dms., 30,000 lbs., works..lb. .43 - —
15,000 lbs., works..lb. .44 - —
5,000 lbs., works..lb. .45 - —
Bronze gum, 1, dms., works..lb. .11 - —
3, dms., works..lb. .09 - —

C

Cumar, AX, dms., works..lb. .06 - —
BX, dms., works..lb. .06 - —
CX, dms., gross weight, works, lb. .05 - —
DX, dms., gross weight, works, lb. .04 - —
EX, dms., gross weight, works, lb. .04 - —
FX, dms., gross weight, works, lb. .05 - —
MH, col. ½, dms., works..lb. .12 - —
1, dms., works..lb. .11 - —
1½-2, dms., works..lb. .10 - —
2½ and darker, dms., works, lb. .00 - —
MS, dms., works..lb. .10 - —
P, 10°-90° C., col. 3 and darker, dms., works..lb. .10½- —
RH, dms., works..lb. .10 - —
RS, dms., works..lb. .10 - —
special soft, dms., works..lb. .10 - —
V, col. ½, dms., works..lb. .12 - —
1, dms., works..lb. .11 - —
1½-2, dms., works..lb. .10 - —
2½ and darker, dms., works, lb. .09 - —
W, col. ½, dms., works..lb. .13 - —
1, dms., works..lb. .12 - —
1½-2, dms., works..lb. .11 - —
2½ and darker, dms., works, lb. .10 - —

Cumar prices include frt. equald, with Pittsburgh; prices on contracts terminating December, 1937, are ¼c. per pound lower.

D

Durite.1.301 dms.,1 ton,frt.alld.lb. .30 - —
smaller lots, frt. alld..lb. .35 - —

G

Guai-a-phene, 10-gal. cns., works, gal. 2.57 - —
5-gal. cns., works..gal. 2.62 - —
1-gal. cns., works..gal. 2.82 - —
dms., works..gal. 2.50 - —

H

Hercolyn, dms. (nonreturnable), works..lb. .22 - —

J

Jozite (see Zinc-iron oxide pigment in regular price list above).

K

Kadox (zinc oxide), black, or red label, bgs., c.l., dlvd..lb. .06¼- —
l.c.l., dlvd. E. of Rockies.lb. .06½- —
Pac. cst., ex whse..lb. .06½- —
bbls., c.l., dlvd..lb. .06½- —
l.c.l., dlvd. E. of Rockies.lb. .06¾- —
Pac. cst., ex whse..lb. .06¾- —

N

Nevillac, dms., works..lb. .16 - —

Nevillac prices on contracts terminating December, 1937, are ¼c. per pound lower; Los Angeles and San Francisco ex whse., 3c. per lb. extra.

Neville resin, R-1 nevindene, col. ½, dms., works..lb. .13 - —
R-3, nevindene, col. 1, dms., works..lb. .12 - —
R-5, nevindene, col., 1½-2, dms., works..lb. .11 - —
R-6, nevindene, col., 2½-3½, dms., works..lb. .10 - —
R-7, N.P.S., col. below 3, dms , works..lb. .12 - —
R-8, N.P.S., col. below 3, dms., works..lb. .12½- —
R-9, hard, col. ½, dms., works, lb. .12 - —
R-10, hard, col. 1, dms.,works, lb. .11 - —
R-11, hard, col. 1½-2, dms., works..lb. .10 - —
R-12, hard, col. 2½ and darker, dms., works..lb. .09 - —
R-13, medium, col. ½, dms., works..lb. .12 - —
R-14, medium, col. 1, dms., works..lb. .11 - —
R-15, medium, col. 1½-2,dms., works..lb. .10 - —
R-16, medium, col. 2½ and darker, dms., works..lb. .09 - —
R-17, medium soft, col. 3½-8, dms., works..lb. .10 - —
R-19, medium soft, col. 3½-8, dms., works..lb. .10 - —
R-21, soft, col. 3½-8, dms., works..lb. .10 - —
R-22, special, soft, col. 3½-8, dms., works..lb. .10 - —
R-27, medium soft, col. 1, dms., works..lb. .12½- —
R-28, medium soft, col. 1½-2, dms., works..lb. .11½- —
R-29, medium soft, col. 2½ and darker, dms., works..lb. .10½- —
R-41, phenester, col. 3½-5, dms., works..lb. .17 - —

Neville resin prices are freight equalized with Phila.; prices on contracts terminating December, 1937, are ¼c. per pound lower; Los Angeles and San Francisco ex whse., 3c. per lb. extra.

Bakelite—Varcum

Nevillite, dms., works..lb. .35 - —
oil, dms., works..lb. .45 - —
Nevinol, dms., works..lb. .15 - —
2 heavy, dms., works..lb. .11 - —
Nuba, 1, 80°-95° C., dms., gross weight, works..lb. .04 - —
2, 100°-125° C., dms., gross weight, works..lb. .04 - —
3, 135°-150° C., dms., gross weight, works..lb. .05 - —

Nuba resin prices are freight equalized with Phila.; prices on contracts terminating December, 1937, are ¼c. per pound lower. Los Angeles and San Francisco ex whse., 3c. per pound extra.

Nuodex drier, cobalt, 4%, dms., dlvd. E. of Kas. City..lb. .19½- .21½
6%, dms., same basis..lb. .24½- .26½
8%, dms., same basis..lb. .32¾- .34
10%, dms., same basis..lb. .43 - .43¾
cobalt 3%-lead 30%, dms, same basis..lb. .20 - —
cobalt 1%-zinc 10%, dms., same basis..lb. .22½- —
copper, 4%, dms., same basis.lb. .12 - —
6%, dms., same basis..lb. .14 - .16
iron, 4%, dms., same basis..lb. .11 - —
6%, dms., same basis..lb. .13 - —
10%, dms., same basis..lb. .21 - —
lead, 10%, dms., same basis..lb. .10½- .11½
24%, dms., same basis..lb. .14 - .18
32%, dms., same basis..lb. .18 - .20
34%, dms., same basis..lb. .19 - .20
lead 30%—cobalt 3% (see Cobalt).
lead 30%—manganese 3% (see Manganese).
manganese, 4%, dms., same basis..lb. .12½- —
6%, dms., same basis..lb. .13 - .14
8%, dms., same basis..lb. .18 - .19
10%, dms., same basis..lb. .22 - —
manganese 3%—lead 30%, dms., same basis..lb. .17 - —
mercury, 25%, dms., same basis..lb. .55 - —
zinc, 5%, dms., same basis..lb. .13 - .14
8%, dms., same basis..lb. .16½- .17½
12%, dms., same basis..lb. .22 - .23
zinc 10%—cobalt 1% see (Cobalt).

P

Pliolite, milled, dms., 1 ton, works..lb. .75 - —
smaller lots, works..lb. .79 - —
unmilled, dms., 1 ton, works.lb. .66 - —
smaller lots, works..lb. .69 - —

S

Surfex, bgs., c.l., frt. alld. up to 25c. per 100 lbs..ton.85.00 - —

V

Varcum, 250, dms., 25, works.lb. .41 - —
single, works..lb. .42 - —
250 F, dms., 25, works..lb. .42 - —
single, works..lb. .43 - —
700, dms., 25, works..lb. .29 - —
single, works..lb. .30 - —
965, dms., 25, works..lb. .26 - —
single, works..lb. .27 - —

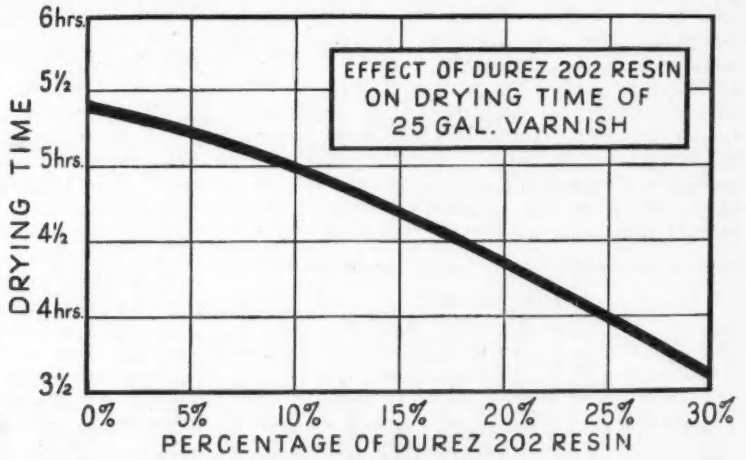
Corporation Earnings Recently Reported

	Period.	1937 Net income.	1937 Per share.	1936 Net income.	1936 Per share.
Atlantic Refining Co.	6 mos.	$3,440,000	$1.18	$3,137,391	$1.12
Barnsdall Oil Co.	6 mos.	1,256,330	.56	1,209,894	.54
Batavian Petroleum Co.	(1936)	*91,898,128	(1935)	*60,361,305	
Catalin Corp. of America	6 mos.	124,020	.23	156,585	.29
Congoleum-Nairn, Inc.	6 mos.	1,379,988	1.11	1,036,814	.84
Consolidated Chemical Industries	6 mos.	677,333	2.12	243,221	.76
Container Corp. of America	6 mos.	1,319,294	1.69	451,845	.69
Cook Paint & Varnish Co.	6 mos.	312,509	1.17	.....	...
Dewey & Almy Chemical Co.	6 mos.	290,700	3.50	.....	...
Du Pont (E. I.) de Nemours & Co.	6 mos.	39,886,234	3.31	38,691,971	3.20
Freeport Sulphur Co.	6 mos.	1,279,841	1.56	1,014,872	1.22
Gair (Robert) Co.	6 mos.	671,930	.68	.....	...
General Refractories Co.	6 mos.	1,067,293	2.27	543,368	1.20
Healey Petroleum Corp.	1st qr.	137,624	1.61	108,409	.38
Hercules Powder Co.	6 mos.	3,037,012	4.49	1,772,044	2.51
Johns-Manville Corp.	6 mos.	2,811,333	3.00	1,474,101	1.43
Jones & Laughlin Steel Co.	6 mos.	4,434,370	4.13	182,454	...
Lambert Co.	6 mos.	652,061	.87	566,498	.76
McIntyre Porcupine Mine Co.	2d qr.	853,875	1.07	810,016	1.01
Minneapolis-Honeywell Regulator Co.	6 mos.	1,441,085	2.22	674,801	1.09
National Gypsum Co.	6 mos.	509,880	1.53	408,382	1.12
National Lead Co.	6 mos.	5,192,266	1.36	2,740,927	.57
Newport Industries	6 mos.	705,594	1.47	162,405	.31
Owens-Illinois Glass Co.	12 mos.	11,856,194	4.46	8,776,341	3.42
Panhandle Producing & Refining Co.	6 mos.	136,675	.35	80,781	.07
Penick & Ford, Ltd.	6 mos.	36,119	.10	693,055	1.87
Peoples Drug Stores, Inc.	6 mos.	509,865	1.94	532,376	2.05
Phillips Petroleum Co.	6 mos.	12,679,080	2.85	7,336,302	1.77
Plymouth Oil Co.	6 mos.	1,362,986	1.30	818,155	.78
Ruberoir Co.	6 mos.	474,427	1.19	209,825	1.58
Sun Oil Co.	6 mos.	4,376,371	1.90	3,474,811	1.57
Texas Gulf Sulphur Co.	6 mos.	5,877,448	1.52	4,811,008	1.25
Tide Water Associated Oil Co.	6 mos.	7,696,701	.99	5,279,363	.69
U. S. Industrial Alcohol Co.	6 mos.	302,048	.77	89,782	.23
Wrigley (Wm.), jr., Co.	2d qr.	2,573,735	1.31	1,781,166	.61
Zonite Products Corp.	6 mos.	41,429	.05	†7,013	...

* Florins. † Deficit.

Dividends Reported Since Last Publication

	Stock.	Class.	Amount.	Payable.	Of record.
Alaska Packers Assn.	.....	Q.	$2.00	Aug. 10	July 27
American Home Products Co.	.....	..	20c.	Sept. 1	Aug. 14
Atlantic Refining Co.	Com.	Q.	25c.	Sept. 15	Aug. 20
Bourjois, Inc.	Pfd.	Q.	68¾c.	Aug. 16	Aug. 2
Brillo Mfg. Co.	Com.	Q.	20c.	Oct. 1	Sept. 15
Brillo Mfg. Co.	Cl. A	Q.	50c.	Oct. 1	Sept. 15
Buffalo Ankerite Gold Mines	.....	Q.	12½c.	Aug. 16	Aug. 2
Buffalo Ankerite Gold Mines	.....	Ext.	7½c.	Aug. 16	Aug. 2
California Packing Corp.	Com.	..	37½c.	Aug. 16	July 31
California Packing Corp.	Pfd.	Q.	62½c.	Aug. 16	July 31
Canadian Oil Cos.	Com.	Q.	12½c.	Aug. 16	July 31
Container Corp. of America	Com.	Q.	30c.	Aug. 20	Aug. 5
Continental Can Co.	Com.	Q.	75c.	Aug. 14	July 24
Continental Oil Co.	.....	Q.	25c.	Sept. 30	Sept. 8
Continental Oil Co.	.....	Ext.	25c.	Sept. 30	Sept. 8
Crown Cork & Seal Co.	.....	Q.	20c.	Aug. 16	July 31
Crown Drug Co.	Pfd.	Q.	43¾c.	Aug. 16	Aug. 2
Dominguez Oil Fields Co.	.....	Q	25c.	Aug. 2	July 22
Dow Chemical Co.	Com.	..	75c.	Aug. 16	Aug. 2
Dow Chemical Co.	Pfd.	Q.	$1.25	Aug. 16	Aug. 2
Fuller Brush Co.	Cl. A	Q.	12½c.	Aug. 2	July 23
General Metals Corp.	Com.	Q.	37½c.	Aug. 16	July 31
Great Western Electro-Chemical Co.	Com.	..	$1.00	Aug. 14	Aug. 4
Hercules Powder Co.	Pfd.	Q.	$1.50	Aug. 14	Aug. 3
Hershey Chocolate Corp.	Pfd.	Q.	$1.00	Aug. 16	July 24
Kennecott Copper Co.	.....	Spl.	25c.	Sept. 30	Sept. 3
Kennecott Copper Co.	.....	Spl.	50c.	Sept. 30	Sept. 3
Life Savers Corp.	.....	Q.	40c.	Sept. 1	Aug. 2
Life Savers Corp.	.....	Spl.	40c.	Sept. 1	Aug. 2
Minn'polis-Honeywell Regulator Co.	Com.	Q.	75c.	Aug. 20	Aug. 4
National Lead Co.	Com.	Q.	12½c.	Sept. 30	Sept. 10
National Lead Co.	A Pfd.	Q.	$1.75	Sept. 15	Aug. 27
Owens-Illinois Glass Co.	Com.	..	$1.00	Aug. 16	July 31
Pittsburgh Plate Glass Co.	.....	..	$2.00	Aug. 20	July 30
Procter & Gamble Co.	Com.	Q.	50c.	Aug. 14	July 23
Sherwin-Williams Co.	Com.	Q.	$1.00	Aug. 16	July 31
Sherwin-Williams Co.	Com.	Ext.	$1.00	Aug. 16	July 31
Simms Petroleum Co.	.....	..	50c.	Aug. 3	July 20
Sun Oil Co.	Com.	Q.	25c.	Sept. 15	Aug. 25
Union Oil Co. (Cal.)	.....	..	30c.	Aug. 10	July 22
Westland Oil Royalty Co.	Cl. A	M.	10c.	Aug. 16	July 31
Worcester Salt Co.	Pfd.	Q.	$1.50	Aug. 13	Aug. 3



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Oil, Paint and Drug Reporter

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Vol. 132 August 2, 1937 No. 5

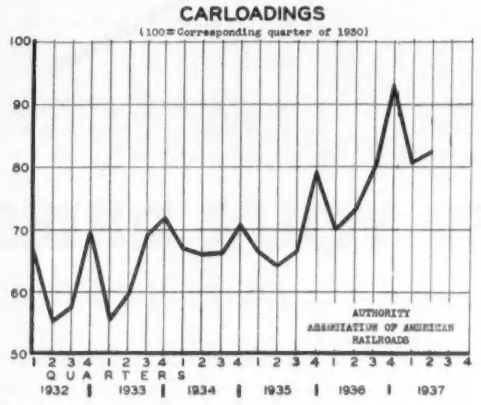
Chemical Industries Held Gains in Second Quarter

(Continued from page 3)

been in the direction of taking care of their own affairs. This did not wholly prevent interruptions of operations, but it has helped to prevent a general spread of trouble.

The chemical, oil, and drug industries, because of their intimate and widespread contacts with all other divisions of industry, were affected by the obstructions of operations caused by the self-seeking tactics of C.I.O. groups in various industries that are large consumers of chemicals, oils, or drugs, as well as in those from which the basic materials of these commodities are derived. Their operations were tuned to avoid these discords as much as possible, but a somewhat conflicting influence was exerted by the general tendency in the early part of this year to buy heavily in anticipation of advancing prices. The effect of this is seen in the record of inventories, stocks of chemical and related raw materials being but slightly larger than they were a year ago, while stocks of manufactured goods in these groups were about 17 percent larger. That producers of raw materials must look afar to the retail market situation is evident from the record that for stocks of chemical and related raw materials the latest government index number was 75; while that for manufactured goods in these lines was 146.

Credit conditions in the fields of chemicals, oils, and drugs were much better in the second quarter this year, improvement being shown in more than 42 percent of the records submitted in the REPORTER'S survey, with but a little more than 2 percent showing an opposite trend. With respect to the business outlook there was a notable manifestation of a better sentiment, more than 46 percent of the survey replies indicating improvement over last year and but 14 percent regarding the future as less promising.



Carloadings

	Number of cars			
	First quarter.	Second quarter.	Third quarter.	Fourth quarter.
1930....	11,269,184	11,931,392	11,953,125	10,561,378
1931....	9,372,110	9,648,375	9,701,222	8,429,542
1932....	7,335,790	6,592,030	6,864,872	7,367,260
1933....	6,249,295	7,095,005	8,270,380	7,605,372
1934....	7,565,168	7,871,455	7,908,468	7,500,869
1935....	7,510,681	7,665,376	7,962,361	8,365,716
1936....	7,907,214	8,683,656	9,587,722	9,884,715
1937....	9,098,639	9,829,467	.....	.....

Yearly totals:—	
1930	45,717,079
1931	37,151,249
1932	28,179,952
1933	29,220,052
1934	30,845,960
1935	31,504,134
1936	36,063,307

The things that made the better general business conditions which were reflected in the chemical, oil, and drug industries were widely distributed through industry and trade. In spite of obstruction of operations by labor discontents productive operations in the second quarter, in comparison with the 1936 period, were up more than 20 percent in the iron and steel industry; 21 percent in textiles; 11 percent in the automotive industry; 16 percent in leather; 12 percent in cement; 4 percent in tobacco; more than 2 percent in coal; 17 percent in petroleum. And, although the activity of the food products industry was off 4 percent—high prices of meats made buyers curtail—the general average was higher and, what is more important, stood 17 percent above the 1923-25 average.

Employment was up 20 percent in iron and steel; 19 percent in automobiles; 9 percent in textiles and leather; 23 percent in machinery; 21 percent in nonferrous metals—and so on all through the "works," with a general average more than 1.5 percent above that for 1923-25.

Steel companies were reporting earnings running from double to sixteen times those of a year ago. Shipments of steel were double those in the 1936 period. Shipments of iron ore were similarly increased, the total from the Lake Superior regions for the first six months being approximately 25,000,000 tons, the largest since 1929. Automobile manufacturers sold 1,343,770 more cars in the second quarter this year, a gain of almost 10 percent.

Production of electrical energy was about 12.5 percent larger in this year's second quarter. Sales of electrical equipment, such as household laundering machinery, were up more than 8 percent; good gains were made in refrigerating apparatus; big strides marked the progress of the installation of air-conditioning equipment. These gains indicated the availability of more spending money, a fact to which business as a whole gave convincing testimony.

Production of paper showed an increase of almost 10 percent, and the development of the paper industry in the South promised greater expansion. Production of paperboard was up about 6 percent, reflecting the bigger needs of business for containers. Consumption of crude rubber during the quarter was a little above the 1936 mark, but shipments of pneumatic casings were up more than 17 percent. Cotton spinning showed marked gains over last year, the average being more than 20 percent. Consumption of wool averaged about 20 percent larger. Production of leather footwear ran about 15 percent above that in the 1936 quarter. Wheat milling was off about 2 percent, but the grind of corn for domestic use was up 15 percent.

Building Construction

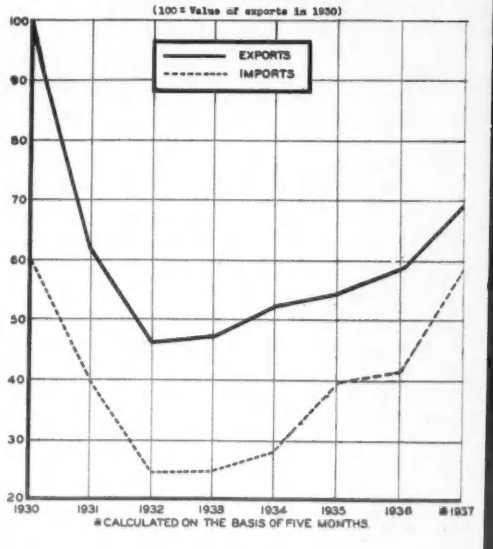
Construction of residential and business buildings in the second quarter was 21 percent greater in value than that in the 1936 quarter. Building permits issued during the quarter showed a gain of 13 percent in number and 36 percent in value, although the permits issued in June ran about 11 percent below the value of those issued in the corresponding month in 1936. This indication of a tapering off of building activities was not unexpected, because of the relatively high cost of both materials and labor.

Governmental home financing during the first six months of this year was 35 percent above the 1936 mark, although private financing was taking care of an increasing share of such work.

Reflecting in part the demands of greater building activity, trade sales of paints, varnishes, and lacquers were about 13 percent larger in this year's second quarter; lumber production got up to about 80 percent of the 1929 rate; production of portland cement was increased about 11 percent—but stocks were still larger—and the output of polished plate glass was running about 7 percent heavier than in the 1936 period.

The country needs more, much more, residential building to take care of direct needs and, more importantly, to clean out undesirable conditions. Private financing has an opportunity in this field and should make it at least as easy to build a house as to buy an automobile. Costs are a deterring factor. New ideas may ease matters insofar as the cost of materials are concerned, and do something to reduce the costliness of labor; the latter has been increased about 10 percent in the past year. The releasing of men handy with simple tools from WPA jobs would do something to help—unless these government workers found it preferable and possible to go on direct relief. A "get-to-work" program is one of today's big needs.

One of the big reasons why business in general was better this year in the second quarter was that agriculture received $243,000,000, or about 15 percent, more income from the marketing of its products. Although farmers got $30,000,000 less of government money in this year's quarter, they were noticeably better supplied with funds, and in accordance with their usual custom, they spent much of what they got.



Exports and Imports of Chemicals, Drugs, and Oils

	Exports.	Imports.
1930	$800,631,700	$479,635,000
1931	498,287,300	322,836,100
1932	368,655,200	199,138,300
1933	375,922,500	200,430,200
1934	413,472,400	227,433,600
1935	430,915,400	311,968,300
1936	463,234,000	333,519,400
1937 (five months)...	227,792,900	199,400,000

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In the Fields of Distribution

Manufacturers' sales, in all branches of trade, averaged more than 20 percent larger in this year's second quarter. Wholesalers' sales were up more than 18 percent, the drug trade reporting a gain of 9.6 percent; the paint trade, 24.4 percent.

Wholesale prices averaged 9.3 percent higher than those in the 1936 quarter, standing 7.6 percent above the 1936 level at the end of the quarter. The increases from June 30, 1936, to the same date in 1937, among various groups were as follows:—Raw materials, 9 percent; semifinished manufactures, 17 percent; finished manufactures, 8 percent; farm products, 10 percent; foods, 4 percent. The average for the materials of the chemical, oil, and drug industries was up 8 percent.

The occupancy of public warehouse space increased slightly during the quarter.

In carrying the increased volume of goods distributed the railroads loaded 13 percent more cars in this year's second quarter, their gains tapering off a little from the preceding period but holding at 14 percent for the six months. Movements of commodities by trucks were 18 percent larger this year.

During the first six months of this year class I railroads installed 34,187 new freight cars, the largest number in any corresponding period since 1930, and 22,583 more than in the first half of 1936. In the 1937 half-year these roads installed 186 new locomotives of various types, against 29 in the corresponding period last year. The number of locomotives on order July 1 was almost four times as large as that of a year ago. Net operating incomes of these roads aggregated $297,341,777 for the first six months, a gain of about 25 percent over 1936.

Foreign trade records this year are not so gratifying as those of domestic trade, although they represent goodly gains. Exports in the first five months had a total value 31 percent larger than that for the shipments in the corresponding period in 1936. Imports showed a gain of more than 40 percent. Imports exceeded exports by almost $94,400,000, or 7.5 percent; last year they were but $4,500,000 larger. The influence of the tariff bargain and the crop control becomes steadily more apparent

Retail sales reflected the larger spending capacity in the second quarter this year. Department stores took in 6.3 percent more money, and their collections were 2.4 percent better. Those in the Midwest and Southeast were in the lead. Some in the higher price class were resuming the payment of dividends and beginning to improve their places of business with substantial expenditures. One of the bigger "bargain" stores was getting ready to sell some more stock.

Variety stores reported sales gains of 1.4 percent in value. Chain drug stores' sales were up about 4.3 percent, chiefly at the tobacco counter and the fountain. Their gains ranged from 12.5 percent in the Mountain and Pacific region to 2.9 percent in the West South Central, with the South Atlantic in second place (10.4 percent) and the East South Central next to last (4.7 percent). Grocery chains gained 4.6 percent. Sales of men's wear stores were off 0.35 percent, although their sales of higher priced suits were up 2.6 percent; the date of Easter had much to do with this group's showing. Rural retail sales averaged 11 percent higher, ranging in gains from 18 percent in the Eastern section to 8 percent in the Middle West, with the South at 15 percent and the Far West at 12 percent. The larger sums of money on the farm also boosted the business of the mail-order houses, their gains averaging something like 25 percent.

Independent retail stores sold 6.7 percent more (in value) goods, drug stores' sales being up 3.7 percent; those of filling stations, 6.6 percent. Retail sales of automobiles were 2.6 percent larger, but had fallen below the 1936 mark in June. These sales required 8.4 percent less financing than was necessary for those in the corresponding quarter of 1936 when the instalment business made an all-time high. Wholesalers still required almost as much financing in handling automobiles. There are many reasons—one kind observable on any road—for believing that this monetary assistance could be better applied in other fields.

Retail prices in general were above 1936 levels during the second quarter. Prices of foods averaged 6.2 percent more. In the latter days of the period eggs were a bit cheaper than in 1936 and fresh fruits and vegetables were about 10 percent lower, but cereals and bakery products were up almost 6 percent, and meats, fats, and oils were 9 percent higher.

The Outlook

Business as a whole has plain opportunities to continue to expand soundly and profitably. The national income is large; it is distributed better than ever before in respect of balanced ability to buy. Some groups are not so well off as they once were; this is reflected chiefly in the lagging interest in stock-trading, which some observers find difficult to explain. They should know that the so-called "Country Club Class" does not have as much money these days—and the marginal requirements are higher—and that small investors still recall how they were stripped by magnates who somehow were not adequately punished.

There is a goodly supply of spending money and it is being extensively used. Care must be taken not to rush this tendency. Instalment selling is already getting so big as to be a brake on the current activity of business. Prices have been pushed up a bit too far in some important instances. Although the cost of living has not risen as much as the gain in average income, it must be recognized that the increase in earnings has not been evenly spread and a fairly large class of consumers has had no share in it. The wise pricing system is that which does not push off existing buyers who cannot pay more, but lets the increased aggregate income go toward the buying of a greater variety of goods. Of course this has a large factor of unselfishness in it; but it best pays everybody in the long run. No one line of industry and trade, however big it may be, can support the nation; for no one industry can supply enough spending money to pay for even its own products. Teamwork is needed.

The outlook for Fall business is good. The activity is expected to start early. Here again a word of caution may be useful. Heavy selling early in this year caused a later dwindling and a measure of stagnation. Steadily maintained sales are far better than those of the stop-and-go method.

Nobody can foretell what unusual influences may act on business within the current year. Warlike activities are more than threats already, and some shortsighted interests are figuring on the profits that war brings, and subtly working to make them available. This will not pay, because public sentiment is antagonistic.

Labor troubles may handicap the progress of business; although the headiness of early successes in ambitious undertakings has been largely wiped out—again public sentiment is antagonistic.

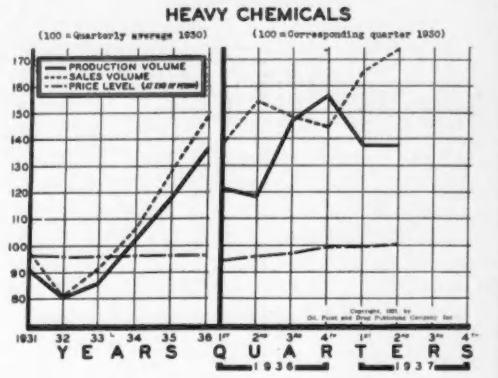
Business realities are better than business sentiment, and largely without reason for the latter's gloom. There is more intelligence about than some persons recognize or will admit. The safe road for business will closely follow where intelligence leads; neither hoppity hopes nor intellectual sit-downs will go far. Reliable goods for reasonable gains, pushed to the extent that clear indicators show to be possible; steady, maybe slow—there is good going in that manner, and most business leaders are going that way.

What Is Recorded

Records submitted for the compilation of the REPORTER'S midyear business survey afford the following statistical data for the several divisions of the chemical, oil, and drug industries:—

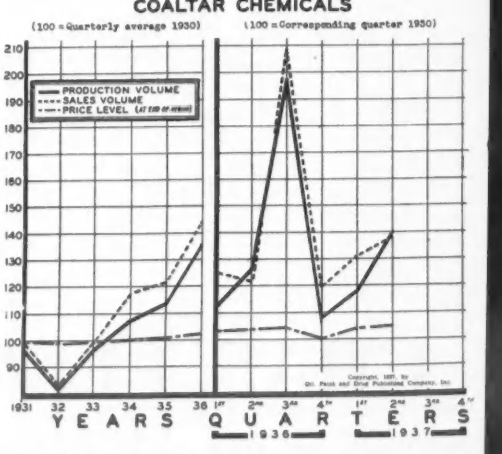
Heavy Chemicals

Industrial chemicals of the heavier type were in steady demand during the second quarter, and although the volume of their movement was somewhat decreased because of earlier heavy buying, it ran well ahead of the 1936 mark. Some movements were a bit puzzling. Demand for arsenical insecticides, for example, did not measure up to the need presented by the predictable prevalence of voracious pests. The supply of sulphuric acid fell behind demand and brought a higher price. Labor troubles bit into production in the alkali division and a few others. These appeared to have been fairly well cleared up by the end of the period, but the sentiment still had a noticeable tinge of gloom. Data contributed to the REPORTER'S business survey indicate that, in comparison with the corresponding period of 1936, the volume of production was 15.9 percent greater during the second quarter and 14.4 percent greater during the first half of this year; sales volume was 15.4 percent larger during the second quarter and 15.6 percent larger during the first half; total sales value was 14.9 percent larger in the second quarter and 19.6 percent larger in the half. Prices at the end of the quarter averaged 0.5 percent higher than at June 30, 1936; were 0.4 percent above those of the first of the year; and were 0.2 percent higher than at the beginning of the quarter. Credit conditions during the second quarter were reported to have been slightly better than in the 1936 period; the majority of opinions with respect to the outlook were that business would continue to improve. Exports of chemical materials and specialties in the first five months totaled $30,028,469, a gain of 25 percent over the 1936 period. Imports amounted to $15,829,591, a gain of 63.5 percent.



Coaltar Chemicals

Increasing activity in the steel industry supplied the coaltar chemical industry with larger quantities of basic materials during the second quarter. Increased activity in the larger consuming industries made this supply something less than abundant. Solvents were never plentiful. Cresylic acid, because of expansion in the making of synthetic resins,, was scarce, and was made more costly. Formula changes were experimented with and new developments were expected in some quarters. The sentiment was not too good because of fears with respect to labor conditions and political programs—taxes especially. But the statistical position of the industry was excellent and improving. Data contributed to the REPORTER'S business survey indicate that in comparison with the corresponding period of 1936, the volume of production was 10.5 percent greater during the second quarter and 7.2 percent greater during the first half of this year; sales volume was 14.2 percent larger during the second quarter and 13.1 percent larger during the first half; total sales value was 6.6 percent larger in the second quarter and 9.2 percent larger in the half. Prices at the end of the quarter averaged 0.6 percent higher than at June 30, 1936; were 3.3 percent above those of the first of the year; were

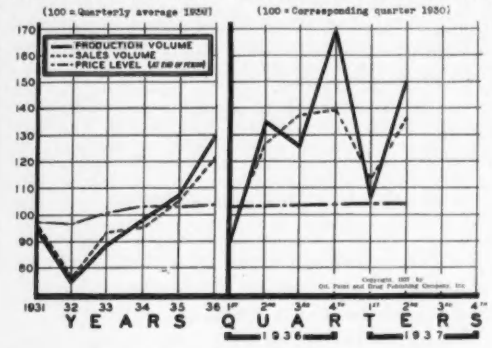


0.6 percent higher than at the beginning of the quarter. Credit conditions during the second quarter were reported to have been slightly better than in the 1936 period, and the majority of opinions with respect to the outlook were that business would continue to improve. Exports in the first five months were valued at $6,678,378, an increase of but 1.3 percent over the 1936 period—exportable supplies were scanty. Imports, amounting to $7,484,872, showed an increase of 50 percent.

Dyestuffs, Textile, Leather Chemicals

The textile and leather industries were busier in the second quarter, and they needed more chemicals and related materials. Sales of these commodities were substantially increased over 1936 levels. Higher prices of corn were reflected in these markets, as were also shrunken supplies of other natural reagents. There was more life in this division than had been seen for some time, and the natural products got a fairly good share of the resulting business. Data contributed to the REPORTER'S business survey indicate that, in com-

DYESTUFFS AND TEXTILE AND LEATHER CHEMICALS



parison with the corresponding period of 1936, the volume of production was 11.3 percent greater during the second quarter and 17.5 percent greater during the first half of this year; sales volume was 16.4 percent larger during the second quarter and 17.5 percent larger during the first half; total sales value was 9.7 percent larger in the second quarter and 17.2 percent larger in the half. Prices at the end of the quarter averaged 1.2 percent higher than at June 30, 1936; were 1.0 percent above those of the first of the year; were 0.7 percent higher than at the beginning of the quarter. Credit conditions during the second quarter were reported to have been the same as in the 1936 period, the majority of opinions with respect to the outlook were that business would continue unchanged. Exports in the first five months showed the reason for some higher prices, the total, $1,272,313, being 11.5 percent less than that for the 1936 period. Imports, including articles also advanced in price, were up 60 percent to $8,469,827.

Paint, Varnish, Lacquer Materials

There was good business in paint, varnish, and lacquer materials during the second quarter, some of which might be attributed to lower prices. The biggest influence was the expansion of building construction and that of activity in large consuming industries. Labor troubles spotted the latter movement at times, but the average was well up from 1936 in spite of quite heavy anticipatory buying earlier in the year and for a month or so in the preceding year. The industry's efforts to have the people do more painting, the necessity for which was and is very plain, brought appreciable results. There was considerable optimism, as well as satisfaction, in the sentiment; but the gloomy view was more than a trifle. Data contributed to the REPORTER'S business survey indicate that, in com-

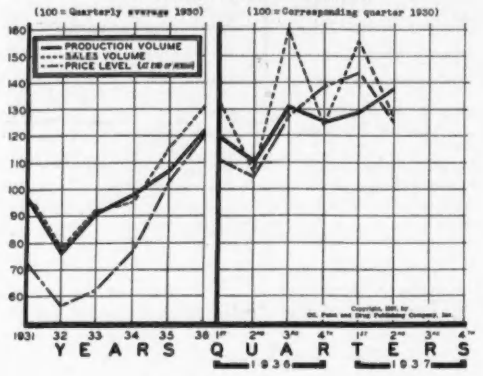
PAINT, VARNISH, LACQUER MATERIALS

parison with the corresponding period of 1936, the volume of production was 19.2 percent greater during the second quarter and 22.3 percent greater during the first half of this year; sales volume was 20.5 percent larger during the second quarter and 23.5 percent larger during the first half; total sales value was 18.6 percent larger in the second quarter and 24.5 percent larger in the half. Prices at the end of the quarter averaged 2.4 percent higher than at June 30, 1936; were 0.3 percent above those of the first of the year; but were 3.1 percent lower than at the beginning of the quarter. Credit conditions during the second quarter were reported to have been slightly better than in the 1936 period, the majority of opinions with respect to the outlook were that business would continue to improve. Exports of materials and finished products in the first five months amounted to $23,950,805, a gain of 11 percent over the 1936 period. Imports increased 31.3 percent to a total of $15,272,984, the favorable balance remaining.

Oils, Fats, and Waxes

Conflicting influences continued active in the oils, fats, and waxes industry during the second quarter. The previously increased variety of available oils eased the effect of increased demand and the level of prices was depressed. Demand was spotty both as to sources and as to materials. The future of the special taxes on imported oils was in doubt for a time, and there remains some fear that competition may be helped in some quarters by tariff bargains. Supplies of some materials were tight, but expectations were brightened with respect to

OILS, FATS, AND WAXES

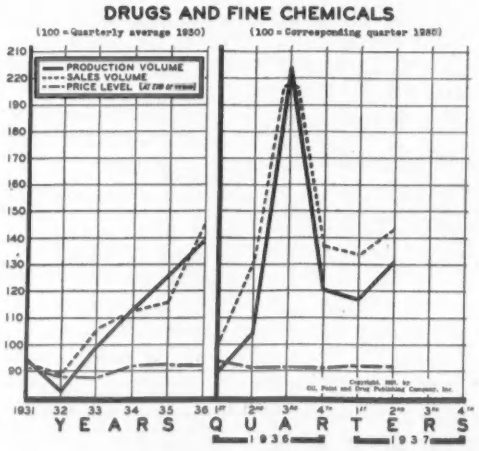


cottonseed oil, while the flaxseed crop reports weighed in the other direction. Price changes were many; the materials of the group, being widely interchangeable, are subject to sympathetic price movements. The sentiment was even better than the statistical position and fears of labor troubles were largely dissipated. Data contributed to the REPORTER'S business survey indicate that, in comparison with the corresponding period of 1936, the volume of production was 24.3 percent greater during the second quarter and 24.1 percent greater during the first half of this year; sales volume was 10.2 percent larger during the second quarter and 23.4 percent larger during the first half; total sales value was 30.8 percent larger in the second quarter and 36.8 percent larger in the half. Prices at the end of the quarter averaged 18.7 percent higher than at June 30, 1936; but were 9.6 percent below those of the first of the year; and 12.8 percent lower than at the beginning of the quarter. Credit conditions during the second quarter were reported to have been slightly better than in the 1936 period; the majority of opinions with respect to the outlook were that business would continue unchanged. Exports, because of scant supplies, were down 2.2 percent in comparison of the first five months of this year and last; the total was $12,064,499. Imports, reflecting greater demand, were up 41 percent to $88,347,762.

Drugs and Fine Chemicals

Both on the pharmaceutical side and the industrial side, business in fine chemicals was good in the second quarter in spite of rather heavy buying in previous months in anticipation of higher prices. There was good support from the public demand

DRUGS AND FINE CHEMICALS

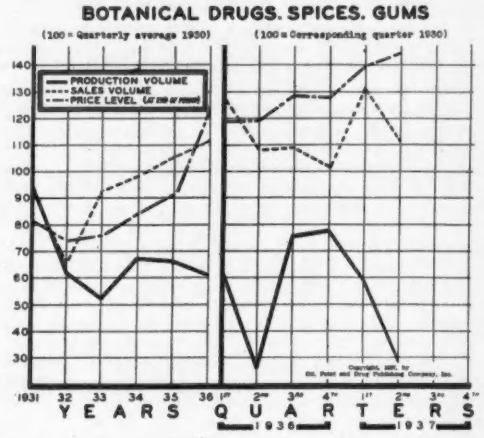


for medicines and the many specialties and everyday articles of which fine chemicals are a part. There was no special reason for this aside from the general improvement in buying ability. Some of the larger consuming channels in industry were clogged at times by labor messes, which also got into the channels of trade distribution. This caused a fair measure of gloom in the prevailing sentiment, but the optimists were in the majority in spite of doubts. Data contributed to the REPORTER'S business survey indicate that, in comparison with the corresponding period of 1936, the volume of production was 15.4 percent greater during the second quarter and 17.7 percent greater during the first half of this year; sales volume was 9.1 percent larger during the second quarter and 15.4 percent larger during the first half; total sales value was 10.3 percent larger in the second quarter and 13.3 percent larger in the half. Prices at the end of the quarter averaged 1.4 percent higher than at June 30, 1937; were 0.5 percent above those of the first of the year; and were 0.1 percent higher than at the beginning of the quarter. Credit conditions during the second quarter were reported to have been the same as in the 1936 period, and the majority of opinions with respect to the outlook were that business would continue to improve. Exports were increasing, the total for the first five months, $9,909,143, being 30 percent up from the 1936 level. Imports were 17.5 percent larger, totaling $4,268,583.

Botanical Drugs, Spices, Gums

Whether because people are eating more or eating differently, demand for condiments has been increasing for some months. Demand for other articles of the botanicals group which go into foods—gums particularly—has also been growing. Demand for medicinal botanicals has not shown a similar expansion, but it keeps up in spite of what are generally referred to as the advances in materia medica and medical practice. So, the markets for botanicals saw prices higher in general during the second quarter and demand catching up with, even passing, supply. The gathering of domestic botani-

BOTANICAL DRUGS. SPICES. GUMS

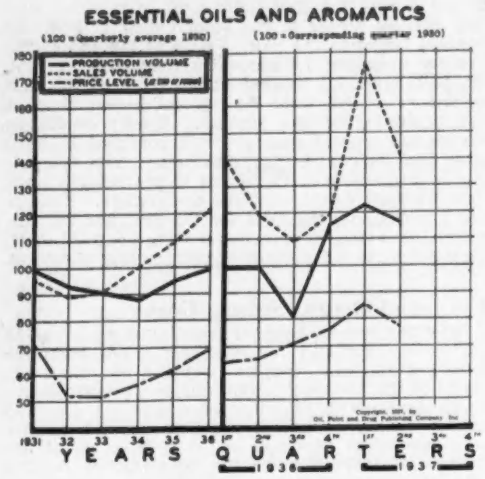


cal drugs remaned small, relief and related helpings still being widely preferred to the labor of digging, plucking, and peeling in the forests and fields. Gatherers were getting higher prices, but were not much stimulated thereby. Some new interests were looking into possibilities of more diligently pursuing this phase of Southern agriculture. The trade was busy, but not overly so, because transactions of larger volume are steadily being more closely coupled between collector and user. Data contributed to the REPORTER'S business survey indicate that, in comparison with the corresponding period of 1936, the volume of production was 6.0 percent smaller during the second quarter and 6.4 percent smaller during the first half of this year; sales volume was 2.1 percent larger during the second quarter and 1.5 percent larger during the first half; total sales value was 7.5 percent larger in the second quarter and 11.9 percent larger in the half. Prices at the end of the quarter averaged 20.6 percent higher than at June 30, 1937; were 13.2 percent above those of the first of the year, and were 3.1 percent larger than at the beginning of the quarter. Credit conditions during the second quarter were reported to have been the same as in the 1936 period, and the majority of opinions with respect to the outlook were that business would improve. Exports in the first five months totaled $780,372, being up 14.7 percent from 1936 levels. Imports, reflecting various stimuli, were up 40 percent to a total of $12,597,324.

Essential Oils, Aromatic Chemicals

Sales of toiletries and of flavorings were at new records in the second quarter. The use of "nosers" to improve the smell of industrial products in various fields continued to show the results of developing efforts on the part of makers of aromatizers. So, business in natural and synthetic aromatics was good from April 1 to June 30. Some influence toward this might also be found in the fact that prices of a number of articles were reduced during that period; price reductions these days do spur buying, although this is contrary to the fundamental beliefs of marketers as a class. Foreign exchange conditions were a bit disturbing, but the increased supply of spendable change in home markets was the controlling influence, and the sentiment of the trade was high. Data contributed to the REPORTER'S business survey indicate that, in comparison with the corresponding period of 1936, the volume of production was 17.0 percent greater during the second quarter and 21.8 percent greater during the first half of this year; sales volume was 18.5 percent larger during the second quarter and 25.0 percent larger during the first half; total sales value was 12.7 percent larger in the second quarter and 19.0 percent larger in the half. Prices at the end of the quarter averaged 19.4 percent higher than at June 30, 1937; were 1.5 percent above those of the first of the year; but were 8.9 percent lower than at the beginning of

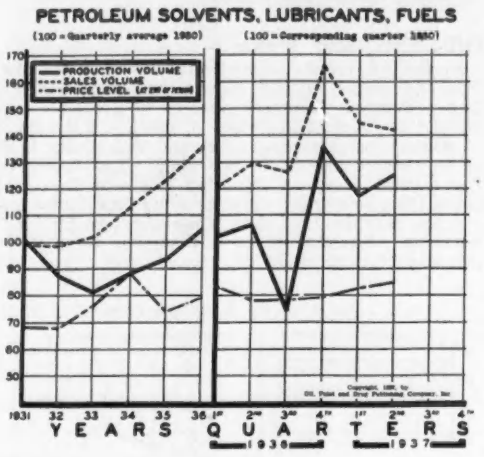
the quarter. Credit conditions during the second quarter were reported to have been slightly better than in the 1936 period, and the majority of opinions with respect to the outlook were that business would continue to improve. Exports showed



a gain of 20 percent for the first five months and amounted to $1,179,037. Imports were better indicative of the fact that the U. S. A. is a good market, the total, $3,324,086, being up 95.5 percent from last year.

Petroleum Solvents, Lubricants, Fuels

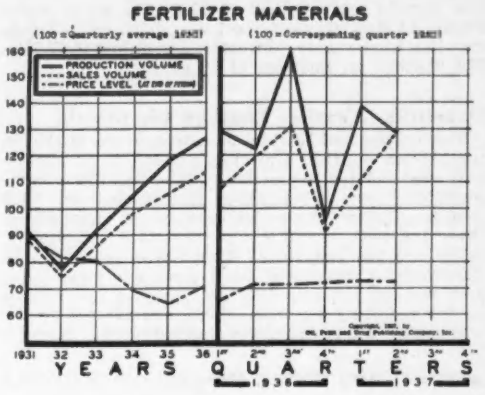
Pushing production in all major divisions to new records in volume, the petroleum industry nevertheless found ample markets during the second quarter. Industrial products got their share of the greater activity in manufacturing; in fact, they found a growing proportionate volume of the call for solvents and similar materials. Up to the end of June production of crude petroleum was 17 percent ahead of the 1936 record. The output of gasoline was up 13 percent, but stocks were off 2 percent; gas oil and distillate fuel oils output was up 11 percent; and even kerosene showed a gain of 11 percent. The average wells price of crude oil was up 9 percent; the price of gasoline at the refinery was up 6 percent. The industry in its variety of divisions had the same condition to report. Data with respect to crude oil and its mechanically and industrially used derivatives, contributed to the REPORTER'S business survey indicate that, in comparison with the corresponding period of 1936, the volume of production was 17.6 percent greater during the second quarter and 13.6 percent greater during the first half of this year; sales volume was 9.6 percent larger during the second quarter and 5.7 percent larger during the first half; total sales value was 10.3 percent larger in the second quarter and 9.0 percent larger in the half. Prices at the end of the quarter averaged 13.0 percent higher than at June 30, 1937; were 10.1 percent above those of the first of the year, and were 4.1 percent higher than at the beginning of the quarter. Credit conditions during the second quarter were reported to have been better than in the 1936 period, and the majority of opinions with respect to the outlook



were that business would continue to improve. Exports, always a big piece of business, amounted to $136,565,136 in the first five months, a gain of 33 percent over the 1936 period. Imports also were up, gaining 12 percent to a total of $16,792,652.

Fertilizer Materials

The farmer's better financial position helped the fertilizer industry in the second quarter. In spite of much reported and some actual shiftlessness in that respect, farmers use their funds to maintain the fertility of their acres. The second quarter is not, however, one of the big fertilizing seasons, but this year's business was noticeably better than last year's even though there was a dwindling in May because of heavy buying earlier; the past season's sales to consumers were more than 25 percent ahead of those in the 1935-36 period. Sales of materials were still about 5 percent ahead in the last months of the period, and because of the shortage of sulphuric acid superphosphates was being imported. Data contributed to the REPORTER'S business survey indicate that, in comparison with the corresponding period of 1936, the volume of production was 5.4 percent greater during the second quarter and 11.1 percent greater during the first half of this year; sales volume was 8.5 percent larger during the second quarter and 8.3 percent larger during the first half; total sales value was 10.1 percent larger in the second quarter and 10.3 percent larger in the half. Prices at the end of the



quarter average 1.7 percent higher than at June 30, 1937; were 0.6 percent above those of the first of the year; but were at the same level as at the beginning of the quarter. Credit conditions during the second quarter were reported to have been slightly better than in the 1936 period, and the majority of opinions with respect to the outlook were that business would continue to improve. Exports, largely because of lack of exportable supplies, were down 40 percent from 1936 levels in the first five months; they had a total value of $5,364,761. Because of the larger demand, imports showed a gain of 39.5 percent, totaling $27,012,342.

Price Trends in All Markets

Average prices at the end of the first quarter of 1937 and 1936, with relation to those at the end of the similar period in 1935, compared as follows:—

(100=Prices at June 30, 1935)

	1937.	1936.
Heavy chemicals	100.7	100.2
Coaltar chemicals	103.5	102.9
Dyestuffs, textile, leather chemicals	101.5	100.3
Paint, varnish, lacquer materials	99.2	96.9
Oils, fats, and waxes	106.9	89.9
Drugs and fine chemicals	97.5	96.2
Botanical drugs, spices, gums	153.4	127.2
Essential oils, aromatic chemicals	116.3	97.6
Petroleum solvents, lubricants, fuels	116.6	103.2
Fertilizer materials	111.5	109.6
Average of all these markets	110.7	102.4

Price Trends of Representative Chemicals, Oils, Drugs: 1933-37

Industrial Chemicals

	1933. H.	1933. L.	1934. H.	1934. L.	1935. H.	1935. L.	1936. H.	1936. L.	1937. H.	1937. L.
Acid, acetic, 28%	$2.91	$2.65	$2.91	$2.40	$2.45	$2.40	$2.45	$2.45	$2.53	$2.25
Boric, tech., gran	80.00	80.00	80.00	80.00	105.00	80.00	105.00	105.00	105.00	105.00
Chromic	.13½	.11½	.13¾	.13½	.14¼	.13¾	.14¾	.14¾	.14¾	.14¾
Sulphuric, 66 deg	15.50	15.50	15.50	15.50	15.50	15.50	15.50	15.50	16.50	15.50
Alum, ammonia	3.00	3.00	3.00	2.75	2.75	2.75	2.75	2.75	2.75	2.75
Alumina sulphate, com'l	1.35	1.25	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35
Ammonia, anhyd	.15½	.15½	.15½	.15½	.16	.15½	.16	.16	.16	.16
Bleaching powder	1.90	1.75	1.90	1.90	2.00	1.90	2.00	2.00	2.00	2.00
Calcium acetate	3.00	2.50	3.00	2.00	2.10	2.00	2.10	2.10	2.25	2.10
Arsenate	.07	.05½	.07	.05	.06	.06	.06½	.06	.06¾	.06½
Chlorine, liq., tech	1.85	1.65	2.00	1.85	2.15	2.00	2.15	2.15	2.15	2.15
Potash carbonate	.07¾	.05¾	.07¾	.07½	.07¾	.06¾	.06¾	.06½	.06½	.06½
Caustic	.07¾	.06¼	.07½	.06¼	.06¼	.06¼	.07	.06¼	.06¼	.06¼
Soda ash, 58% light	1.07½	1.00	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05
Caustic, elect	2.55	2.50	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55
Phosphate, tri	2.50	2.20	2.70	2.40	2.40	2.10	2.10	1.75	1.85	1.75
Silicofluoride	.06	.05	.05	.04¾	.05	.04¾	.07	.04½	.06½	.05¾
Sulphate, anhyd	2.20	2.00	2.20	2.20	1.15	1.15	1.45	1.15	1.45	1.45

Coaltar Chemicals

Anilin oil	$0.15	$0.13½	$0.15	$0.15	$0.15	$0.15	$0.15	$0.15	$0.15	$0.15
Betanaphthol	.22	.22	.22	.22	.24	.22	.24	.24	.23	.23
Benzol	.22	.20	.22	.15	.18	.15	.18	.16	.16	.16
Creosote oil, crude	.11	.11	.11	.11	.12	.11½	.13	.12½	.13	.13
Cresylic acid	.40	.37	.54	.46	.51	.42	.73	.51	.89	.72
Naphthalene, crude	2.50	1.65	2.15	1.75	3.00	1.75	4.00	2.50	3.00	2.00
Phenol	.14¼	.14¼	.14¼	.14¼	.14¼	.14¼	14¼	.13¼	.13¼	.13¼
Phthalic, anhydride	.15½	.15	.15½	.15½	.15½	.15½	.15½	.15½	.15½	.15½
Solvent naphtha	.26	.26	.26	.26	.30	.26	.30	.30	.30	.30
Toluol	.30	.30	.30	.30	.30	.30	.30	.30	.30	.30
Xylol	.26	.26	.26	.26	.30	.26	.30	.30	.30	.30

Dyestuffs, Textile, Leather Chemicals

Cochineal	$0.38	$0.36	$0.36	$0.34	$0.34	$0.32	$0.32	$0.32	$0.32	$0.32
Cornstarch	2.84	2.19	3.56	2.81	3.66	3.23	4.19	3.90	4.33	3.78
Egg yolk	.46	.41	.46	.42	.56	.46	.54	.49	.56	.52
Fustic, ext., liq	.09½	.08	.09½	.08½	.08½	.08½	.08½	.08½	.09½	.08½
Logwood, ext., liq	.08½	.05	.08½	.08½	.08½	.08½	.08½	.08½	.09½	.08½
Myrobalans	31.50	24.00	29.00	25.00	25.00	23.00	24.50	21.50	29.50	25.50
Potash bichromate	.08¾	.07	.08¾	.08½	.08½	.08¼	.08¾	.08½	.08¾	.08¾
Soda bichromate	.06½	.04¼	.06¼	.06½	.06½	.06¼	.06¾	.06½	.06¾	.06¾
Sumac, grd	70.00	41.00	70.00	58.00	58.00	50.00	65.00	52.00	65.00	59.00
Valonia	39.50	28.00	48.00	39.00	58.00	41.00	64.50	46.00	49.00	46.00

Oils, Fats, and Waxes

Beeswax, Afric	$0.22	$0.13½	$0.21½	$0.20	$0.23½	$0.21	$0.26	$0.23	$0.29½	$0.26
Candelilla wax	.11	.08½	.14	.10½	.16	.10	.16	.15	.15½	.14
Carnauba wax, 3, chalky	.16	.11½	.21	.16	.39	.21	.36	.33½	.38	.33
Chinawood oil	.08¾	.04¾	.098	.072	.35	.088	.1860	.1260	.1470	.1180
Coconut oil	.03¾	.02¾	.03¾	.02½	.06½	.03½	.09¼	.03¾	.10¼	.05¼
Corn oil, crude	.06½	.02¾	.09½	.03½	.11	.08¾	.10¼	.08	.10¼	.08¼
Cottonseed oil, crude	.0715	.0350	.0925	.0337½	.1050	.0800	.1000	.0750	.1050	.0825
Japan wax	.07½	.05½	.06¾	.06	.08¾	.06	.09¾	.08¼	.10½	.09½
Lard	7.50	4.00	10.33	4.10	16.90	10.90	13.70	10.25	14.15	11.75
Lard oil	7.75	6.00	13.50	7.50	20.50	13.50	16.25	12.25	16.75	13.50
Linseed oil	.1040	.0660	.0950	.0810	.0960	.0770	.0970	.0880	.1070	.0930
Menhaden oil	.17	.09	.25	.15	.35	.25	.36	.28	.45	.35
Neatfoot oil	17.00	12.00	16.50	16.50	17.00	16.25	16.75	16.00	18.25	17.50
Olive oil	.78	.56	.89	.84	.94	.80	1.60	.70	1.65	1.50
Perilla oil	.10½	.03¾	.09½	.08¼	.10½	.07¼	.11	.08	.11½	.10½
Red oil	.06	.05	.06½	.06	.08¾	.06½	.09¾	.07	.10¾	.10¾
Sardine oil	.24	.12	.25	.13	.38	.24½	.46	.28	.54½	.52
Soybean oil	.0850	.0350	.0800	.0600	.1000	.0800	.1050	.0700	.1080	.0950
Stearic acid	.09½	.08	.10	.09	.11¼	.09½	.11½	.08½	.12½	.12½
Tallow	.04	.02	.05½	.02⅞	.07⅞	.05⅜	.08⅜	.04⅛	.10¼	.08⅛

Paint, Varnish and Lacquer Materials

	1933. H.	1933. L.	1934. H.	1934. L.	1935. H.	1935. L.	1936. H.	1936. L.	1937. H.	1937. L.
Acetone	$0.10	$0.08	$0.11	$0.10	$0.11	$0.11	$0.11	$0.06	$0.06	$0.05
Barytes, dom	22.20	22.20	22.20	22.20	22.85	22.20	22.85	22.85	22.85	22.85
Butyl alcohol	.113	.09½	.12	.09½	.12	.11	.11	.08½	.09	.09
Carbon black	.0272	.0272	*.0505	.0505	.0505	.0505	.0505	.0505	.0505	.0503
Chrome yellow	.15	.15	.15	.15	.15	.11	.13	.11	.15½	.13
Copal, Manila, W.S	.09¼	.06¾	.09¼	.09¼	.09¾	.08½	.09¾	.08¼	.08¼	.08¼
Dammar, Batavia	.15	.08½	.13¾	.11¾	.13½	.11¾	.14½	.12¾	.13¾	.14½
Ester gum	.05¾	.04½	.07¼	.05¾	.07¾	.07¼	.10	.07¾	.11½	.10
Film scrap, w.w	Not listed		.14	.14	.15	.14	.15	.15	.15	.15
Iron blues	.35	.35	.36½	.35½	.37	.36½	.37	.36	.36	.36
Nitrocellulose a/s	.29	.29	.29	.29	.29	.29	.29	.28	.28	.28
Ocher, Fr., light	.0280	.0215	.03	.02¼	.03	.02½	.03	.02¼	.02¼	.02¼
Red iron oxide	.09¼	.08½	.09¼	.08¾	.08¾	.08½	.08½	.08½	.08½	.08½
Red lead	.08	.06½	.07¾	.06½	.07½	.06½	.09	.07½	.10¾	.09
Rosin	5.22½	3.55	6.75	5.00	6.00	5.15	11.05	5.50	11.75	8.95
Shellac, bone dry	.24	.16	.35	.26	.31	.19	.23½	.17½	.21	.17½
T. N	.15	.08½	.28	.17	.21	.14½	.17	.13½	.14	.12½
Titanium white	.06	.06	.06	.06	.06	.06	.06	.05¾	.05¾	.05¾
Turpentine	.53½	.41½	.66	.46½	.56¼	.48	.56¾	.40¾	.48½	.39
White lead	.06½	.06	.06½	.06½	.06½	.06½	.07¼	.06½	.09	.07¼
Zinc oxide, l. f	.05¾	.05¾	.06½	.05¾	.06½	.05	.05¼	.05	.06¼	.05¼

* Delivered Zone E; former prices were f.o.b. sellers' works.

Drugs and Fine Chemicals

Agar agar, 1	$0.55	$0.38	$0.55	$0.52	$0.90	$0.52	$0.90	$0.67	$1.15	$0.72
Alcohol, S.D. 1	.304	.304	.316	.295	.31	.295	.31	.23	.27	.26
Aloin	.85	.72	1.30	.90	1.60	1.30	1.60	1.50	1.50	1.50
Bismuth subcarbonate	1.65	1.25	1.80	1.65	1.65	1.40	1.40	1.40	1.40	1.23
Metal	1.30	.85	1.30	1.10	1.10	.90	1.00	1.00	1.00	1.00
Cadmium metal	.55	.55	.55	.55	.85	.55	1.05	.85	1.20	1.05
Calomel	1.23	1.15	1.31	1.11	1.11	1.01	1.40	1.01	1.59	1.40
Castor oil	.09½	.08	.09½	.09½	.10	.09½	.10	.10	.10	.10
Corn syrup, 42°	3.09	2.28	3.59	3.04	3.63	3.18	4.10	3.05	4.36	3.80
Corrosive sublimate, cryst	.82	.67	.88	.82	.76	.71	1.05	.76	1.22	1.20
Cream of tartar	.18	.14	.19¾	.17¾	.17¾	.17¼	.17¼	.15	.17¾	.15
Epsom salt	2.15	2.15	2.15	2.15	2.15	1.90	1.90	1.90	2.00	1.90
Iodine, resubl	3.35	2.10	2.40	1.90	1.90	1.65	1.65	1.50	1.50	1.50
Iron-ammonia citrate	.57	.47	.57	.52	.52	.49	.49	.37	.37	.37
Menthol	3.25	2.35	3.50	2.45	3.75	2.80	3.75	3.10	3.25	3.10
Quicksilver	68.00	48.00	76.00	67.00	75.00	69.50	94.00	74.00	97.00	92.00
Quinine	.51	.30	.51	.51	.51	.51	.53	.51	.53	.53
Santonin	65.00	60.00	48.00	25.00	70.00	26.00	43.00	30.00	43.00	25.00
Silver nitrate	.33	.19¾	.38¾	.31½	.50	.36¾	.33¼	.32¾	.33¾	.32¼
Thymol	1.65	1.10	1.85	1.65	1.85	1.65	1.65	1.55	1.65	1.55
Vanillin, ex eugenol	5.00	4.50	4.50	4.00	4.00	3.00	3.90	3.75	3.65	3.65

Essential Oils

Anise	$0.45	$0.30	$0.45	$0.39	$0.50	$0.40	$0.95	$0.50	$0.95	$0.70
Bergamot	1.60	1.10	1.50	1.40	1.80	1.30	2.95	1.60	3.60	2.95
Cassia	1.10	.74	1.18	1.00	1.52	1.10	1.10	.90	1.00	.90
Citronella, Ceyl	.40	.27	.38	.24	.28	.22	.29	.18	.42	.32
Clove	.92	.68	.92	.89	.90	.83	1.05	.88	1.25	1.08
Geranium, Alg	6.00	4.00	6.00	4.75	5.25	4.50	5.25	4.50	4.85	4.75
Lavender, U.S.P, VIII	2.40	1.30	3.00	2.25	3.00	2.55	2.75	2.55	2.25	2.25
Lemon, Calif	.75	.65	.75	.50	1.70	.60	3.00	1.00	3.50	2.60
Italian	1.10	.70	1.00	.90	1.85	.95	2.85	1.00	3.75	2.85
Lime, dist	7.00	5.75	5.75	4.65	6.00	4.35	5.75	5.45	6.10	5.45
Orange, Calif	1.10	.70	2.10	1.10	3.00	2.00	3.25	2.25	3.25	2.50
Italian	1.40	1.00	1.60	1.10	2.95	1.50	2.75	1.90	4.00	2.70
Peppermint, redist	3.50	1.95	3.65	2.65	3.20	2.05	2.55	2.10	2.80	1.75
Spearmint	1.45	.90	1.95	1.05	1.75	1.60	2.00	1.40	1.90	1.75
Thyme, red	.52½	.50	.58	.50	1.35	.58	.85	.68	.85	.85
white	.80	.62½	.80	.65	.80	.65	.80	.80	.85	.80
Wormwood	3.00	2.00	3.00	2.75	2.75	2.45	3.00	2.25	3.00	2.00

(Continued on page 32C)

Heavy Chemicals

General Demand Shows Improvement—Antimony Metal Fractionally Higher—Sulphuric Acid Continues Strong—Soda Silicofluoride Slow—Active Call for Chlorine—Tin Salts Barely Steady

While demand in the market for industrial chemicals continued at a highly irregular pace during the week, the volume of business was slightly improved over the preceding period. This was interpreted by some quarters as indicating that the seasonal low point had been reached in Summer buying. Prices generally were steady to firm. Chlorine was the active feature and sulphuric acid displayed a decidedly strong tone.

Producers of chlorine reported that shipments were equivalent to actual production, and a substantial backlog of orders were reported for August delivery. Sulphuric acid continued as decidedly strong, reports from some sections of the country to the effect that acid was practically unobtainable. Alkalies moved against contracts at a good pace. Ammonia bifluoride was still said to be in the throes of a mild shortage. Antimony metal was fractionally higher for the week. Reports from China stated that a firm tone was noted there because of the hostilities between China and Japan. Tin salts were unchanged, although the basic metal noted an easing tendency, with reports from Amsterdam to the effect that Dutch producers were intending to adhere to a buffer pool scheme to prevent speculation, despite the objections from British tin circles. The steel industry noted a slightly higher operating ratio for the week. The automobile industry was making final preparations for shifting to 1938 models. The labor question appears to be playing a less prominent role. Soda silicofluoride was quiet. The decline in ammonia chrome alum was not confined entirely to the week.

Alums.—Demand for ammonia and potash alums continued at a good pace throughout the week. Prices ruled firm. The call for iron-free and commercial sulphate continued at an irregular pace. Quotations displayed a decidedly firm tone.

Ammonia, Anhydrous. — Shipments were moving out in good volume throughout the week, prices were decidedly firm. The call for this material continued to reflect seasonal influences, producers reporting a substantial backlog of business on the books for forward delivery during the next month. Potash chrome alum was fractionally lower at 6½c. to 6¾c. per pound.

Ammonia, Aqua.—This market noted a fair demand throughout the period under review, sellers reporting prices displayed a firm tone. Usual consumers apparently were covering for nearby production requirements.

Ammonia Bifluoride.—A mild shortage was noted here. Prices were firm.

Ammonia Sulphocyanide.—Shipments were moving out in moderate volume to routine consumers, sellers were holding firmly to quotations in order previously.

Ammoniac, Sal.—Business in this market continued to be transacted on a favorable scale, prices were held firm. The call came from the battery trade and other usual consumers.

Antimony.—The market was fractionally higher, sellers were listing 15⅜c. per pound. Business continued quiet. Hostilities in China were prominent in causing a firming up in the price tone.

Arsenic.—A good tone was noted in this market again last week. Prices ruled unchanged. Sellers of the white product reported sales compared favorable with the preceding period. The United States furnished about 30 percent of the white arsenic imports into Uruguay during 1936. The total imports into Uruguay amounted to 689 metric tons, of which 213 tons came from the United States; 215 tons from Sweden; 102 tons from Belgium, and the residue came from Germany, Norway, France and the United Kingdom.

Barium Salts.—Important developments were lacking in this market again last week. Sellers reported quotations were decidedly firm. The call for chloride and carbonate, hydrate and nitrate of barium clearly indicated that consumers were entering their market only when needs became urgent. However, the market retained a steady to firm tone.

Bleaching Powder.—A slight betterment was in evidence on the demand side of the market during the week. Prices were steady to firm.

Blue Vitriol.—Business continued at a fair pace throughout the period under review, the call coming from the agricultural areas, and prices ruled firm at the levels in force previously. The basic metal market continued to display a firm tone.

Calcium Carbide.—Demand continued at a fair pace during the week. Prices ruled firm. The five leading Japanese producers of calcium carbide have organized a company in Osaka to export their surplus production. It is capitalized at yen 100,000 and expects to commence activities in the immediate future. The Japanese calcium carbide industry has been expanding so rapidly it appears probable that there will be serious over-production within the near future. One company has a plan to increase its production by 15,000 tons annually, while another has under construction a plant which will increase its output by 10,000 tons. In addition, a number of new companies are entering the field. Conditions within the industry have been somewhat demoralized by the fact that several leading producers have refused to join the trade association, and it is anticipated that the situation will become worse following the completion of the new plants, according to the Trade Commissioner at Tokyo.

Calcium Chloride.—Purchases for road stabilization work continued to give the market an active appearance during the week. Prices ruled firm. Shipments of material for utilization in road stabilization work were said to have surpassed the previous year.

Chlorine.—This product continued to move in volume sufficient to absorb current production. Producers were said to have orders on hand to keep an active movement of material through the balance of the next month. A decidedly firm tone prevailed.

Copper. — A firm tone continued in prominence for this product throughout the week. A fairly active demand was noted.

Copperas. — Shipments were moving out at a consistent fashion throughout the week. A firm tone prevailed. A gain of 1.8 points, or 2.2 percent, in steel operations to 84.3 percent of capacity for the current week was forecast by the American Iron and Steel Institute. This compared with 82.5 percent in the preceding week and 75 percent a month ago. A year ago steel operations were at 71.5 percent, while in 1935 the industry was operating at 44 percent of capacity.

Fluorspar. — A decidedly firm tone continued to rule this market, supplies were none too plentiful, with the steel industry withdrawing substantial quantities. Prices were about the same as in the preceding period.

Price Changes

Prices were changed during the past week as follows.—

Advanced

Antimony metal, ⅛c. per lb.

Reduced

Ammonia chrome alum, ½c. per lb.

Comparative Values

Index numbers compiled from twelve typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
154.4	154.4	154.3	153.3

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.8	99.8	99.8	99.4

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

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SULPHURIC ACID : CARBON BISULPHIDE : TARTARIC ACID
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Glauber's Salt.—A good demand was noted here. Prices ruled firm. According to a survey by the United States Tariff Commission, Glauber salt is produced largely from chemical salt cake in the North Atlantic, Middle Atlantic, and North Central States, usually in the same plants which produce the salt cake. The bulk of the output is used in that area and in the Southern States in the textile dyeing industry. Some Glauber salt is mined from natural deposits of crude sodium sulphate in the Western States for use in medicinals for livestock. No natural Glauber salt is shipped to the Eastern markets for industrial purposes, because of the cost of transporting the hydrated product which contains a high percentage of water. Domestic production in 1935 amounted to 39,961 tons; imports, 551 tons, and exports, 121 tons.

Nickel Salt.—Shipments were moving out in fair volume throughout the week, activity in the electro-plating industry reflect the letdown in operations in the automobile trade. Prices ruled firm at previous levels.

Potash, Caustic.—A fair buying movement was reported in this direction again last week. Quotations ruled steady to firm. The call for material from the chemical processors and soap industry conveyed the impression that coverage was being made as needs were required.

Potash Carbonate.—Another quiet week was experienced in this direction, but the relatively slow call, reflecting seasonal curtailment in production schedules in some consuming units, failed to have an influence on the market pricewise.

Potash Chlorate.—A dull and featureless market was recorded here, with small quantities making up the call. Prices were unchanged.

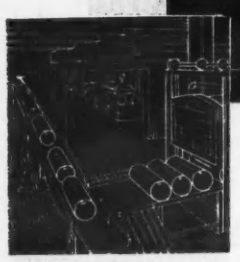
Potash Permanganate.—A fairly good call was noted in this direction. Prices were steady to firm.

Saltcake.—A firm tone was a prominent factor in this market. Prices were unchanged. Demand was good. A survey by the United States Tariff Commission states that more than four-fifths of the domestic output of salt cake is produced in conjunction with other chemicals, chiefly hydrochloric acid, in the North Atlantic and North Central States. The remainder is obtained from natural deposits of crude sodium sulphate in the Western States. The total domestic production of salt cake has been somewhat smaller in 1935 than in the period 1927 to 1929, principally because of certain changes in the methods of producing hydrochloric acid which have resulted in a smaller output than formerly of the coproduct chemical salt cake. The increasing imports of salt cake into the United States in recent years have come chiefly from Germany. Imports have been used almost entirely in the expanding sulphate pulp industry of the Gulf and Pacific Coast States. Very little salt cake is produced in the Southern States. Pulp producers in that area are located at a considerable distance, by rail, from the western sources of natural salt cake and from the North Central producers of chemical salt cake, and they have used increasing quantities of imported salt cake, shipped directly to the Gulf ports, by water. In 1935, 70 percent of the salt cake used in the Southern pulp industry was supplied from imports, and in the Pacific Coast States the proportion was 30 percent. The increasing consumption of salt cake in this country, as shown in table 3, is attributable almost entirely to the expansion of the sulphate wood pulp industry. The United States exports of salt cake are small and go chiefly to Canada. The decline in exports in the last 10 years is due in part to the decreased production and the increased consumption of salt cake in the United States and in part to the increased production of salt cake in Canada.

Soda Ash.—A favorable demand was reported here again last week. Quotations displayed a steady tone. May exports amounted to 9,520,468 pounds, valued at $131,837, of which Argentina consumed 1,399,000 pounds; Brazil, 512,000 pounds; Peru, 264,350 pounds; Netherland India, 392,400 pounds; Mexico, 3,330,912 pounds; Canada, 710,051 pounds; Sweden, 494,562 pounds; Belgium, 202,581 pounds; Denmark, 220,460 pounds, and Cuba, 397,832 pounds.

Soda, Caustic.—A fair call was reported in this market again last week. Prices ruled unchanged. May exports amounted to 19,272,306 pounds, valued at $308,170 of which Argentina consumed 3,125,000 pounds; Brazil, 3,168,000 pounds; China, 1,567,892 pounds; Netherland India, 1,715,955 pounds; Japan, 1,680,000 pounds; Philippine Islands, 593,537 pounds; Mexico, 4,012,419 pounds, and Canada, 441,877 pounds. For 1936, imports into Uruguay showed a small decrease but the share of trade accounted for by the United States rose 50 percent. The total importations into Uruguay in 1936 was 1,309 tons, of which the United States shipped 679 tons, the residue coming from Argentina, Japan, and the United Kingdom.

Soda Cyanide.—The call held up fairly well at intervals during the week, and



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prices were unchanged. May exports amounted to 10,924 pounds, valued at $14,166, of which Syria took 8,800 pounds; Australia, 2,511 pounds; Sweden, 2,136 pounds; Canada, 5,120 pounds; Mexico, 2,040 pounds; Cuba, 12,460 pounds; Bolivia, 1,250 pounds; Colombia, 1,182 pounds; Palestine, 33,075 pounds, and the Philippine Islands, 30,005 pounds.

Soda Silicofluoride.—A slow demand was reported in this market again last week, quotations ruled unchanged. The laundry trade and other routine consumers continued to order out in a conservative fashion.

Soda Silicate.—A firm tone was in evidence in this market again last week, prices ruled firm. May exports amounted to 1,400,216 pounds, valued at $21,079, of which Australia consumed 12,500 pounds; Canada, 423,641 pounds; Cuba, 395,093 pounds; Argentina, 206,364 pounds; China, 150,339 pounds, and the Philippine Islands, 70,050 pounds.

Soda Sulphate, Anhydrous.—A good call continued here. Price displayed a firm tone. Anhydrous sodium sulphate is chemically produced in the North Atlantic and North Central States and is mined from natural deposits of crude sodium sulphate in the Western States. Anhydrous sodium sulphate, containing no water of crystallization, can bear transportation costs more easily than can Glauber salt, and a substantial proportion of the western output is shipped by way of the Panama Canal to eastern markets for use in the textile dyeing industry. Imports of anhydrous sodium sulphate in the last few years have been larger than those of Glauber salt because of the lower cost of transporting the dehydrated product. Imports of both forms come almost entirely from Germany. Practically all of the Glauber salt and anhydrous sodium sulphate produced in the United States is consumed in this country and exports are negligible. Domestic production in 1935 amounted to 23,609 tons; imports, 5,788 tons, and in 1936 imports totaled 11,854 tons.

Tin Salts.—Straits tin developed an easier tone during the week, but it failed to decline sufficiently enough to bring about a change in the derivatives. An Amsterdam cable stated that Reuters in a special interview with officials of a tin company declared that the Dutch tin producers will adhere to the buffer pool as a preventative against speculation, despite opposition in British tin circles against such a pool.

Acids

The market for mineral acids continued to be featured by a strong tone in sulphuric acid. Sellers reported the call for sulphuric acid continued heavy. The market for muriatic acid also noted a firmer tendency. Battery acid was favorable. There was little to report in acetic acid. Quotations were well held. Oxalic acid shipments were moving out in consistent fashion, a firm tone governed the activities. Chromic acid demand was fairly good at times during the week, but it was evident the plating trade was operating more conservative production schedules. Boric acid manifested a firm price tone.

Acetic Acid.—A fairly active interest was reported here. Quotations ruled steady. It is reliably estimated that there was a small increase in the amount of acetic acid produced in Sweden in 1936 as compared with the preceding year. There was no appreciable change in prices but the competition offered by Japanese manufactures stiffened. Exports of acetic acid from Sweden dropped from 22 metric tons in 1935 to only 3 metric tons in 1936. Domestic production totalled 794 metric tone (calculated at 100 percent) in 1935, and, it is believed, slightly more than 800 metric tons during the year under survey.

Battery.—A substantial buying movement was reported here. Quotations ruled firm.

Boric.—Shipments were moving out against contracts at fairly good pace. Prices ruled unchanged.

Chromic.—Shipments were moving at a good pace throughout the week. The market displayed a firm price tone.

Formic.—This market continued to experience a good inquiry, and no change was uncovered in quotations.

Lactic.—A steady to firm tone preprevailed in this market again last week. A good seasonal buying movement was noted.

Muriatic.—Nothing new was uncovered in this market again last week. Quotations were firm and demand was fair.

Nitric.—This market continued to note a fairly good call at times during the week, and quotations were well maintained.

Oxalic.—Shipments were moving out at a good clip. Prices were well held.

Sulphuric.—Shipments were moving out in substantial volume against contracts and producers reported the market in a decidedly firm price position. Steel mill operations were higher. Automobile production was also below the preceding week, and the lighter trades noted seasonal production curtailment.

Baltimore, July 28.—Conditions in the market for sulphuric acid are about as they have been for some time past, with the manufacturers of fertilizer mixtures less prominent in the trading than are various other users of acid. As far as the fertilizer men are concerned, business continues quiet, but this does not make stocks of acid more plentiful than they have been and the competition for supplies is as active as ever, with the figures generally quoted merely nominal. These figures stand at $12 per ton for 60 degree and at $15 per ton for 66 degree acid, but current reports have it that no acid is to be obtained at these levels and that even substantial advances fail to disclose sellers with ability to make delivery. An easier market will have to be awaited as a result of increases in production. The Baltimore plant which, according to calculations, will add 300 tons to the daily output, is expected to get into full production by August 15, and should contribute materially to an amelioration of the prevailing scarcity. The position of oleum is also unchanged, though with sellers in a better position to take care of current needs, and with the figures named still around $17 per ton, for 20 percent stocks.

Insecticides

Business in agricultural insecticides continued fairly good. Prices were reported in a firm position. According to the Department of Agriculture the seed-corn maggot has hurt badly shade-green tobacco in the Connecticut River valley and a variety of field and garden crops from New York, through Michigan and Indiana, to North Dakota. It did some damage in Colorado. The green stinkbug seriously damaged cotton, peas, beans, and many other truck crops in Alabama and Mississippi. Its outbreak in Mississippi is the worst on record. Injury by the vegetable weevil necessitated a 90 percent replanting in tomato fields in San Bernardino County, California. New England has more Mexican bean beetles than in 1935 or 1936. These beetles are general in the Middle Atlantic States and the lower Mississippi Valley, also. There are large numbers of the pea aphid in western New York and on Long Island and so many in Utah that control measures are necessary. Squash bugs seem somewhat more troublesome than usual in the New England, Middle Atlantic and South Atlantic States and injurious also in Mississippi and Kansas. Massachusetts and New York have had very heavy outbreaks of the asparagus beetle. Heavy outbreaks of the tobacco flea beetle were reported from the Piedmont section of Virginia and North Carolina, southward to Florida, and westward to Tennessee. The forest tent caterpillar has completely defoliated many forest trees in the New England and Middle Atlantic States, and westward to northeastern Minnesota. Gypsy moth eggs began hatching in Maine and New Hampshire early in May. The moths are defoliating trees in many parts of Massachusetts. The larch case bearer has severely injured larch trees in New England and eastern New York.

The cotton flea hopper is widely spread over the Cotton Belt, especially in parts of Texas, where it is causing more concern than the boll weevil.

The cotton leaf worm appeared about two weeks later than last year in Southern Texas. The first worms were found in Nueces County on May 27, in Calhoun County on June 9, and in Jim Wells County on June 19.

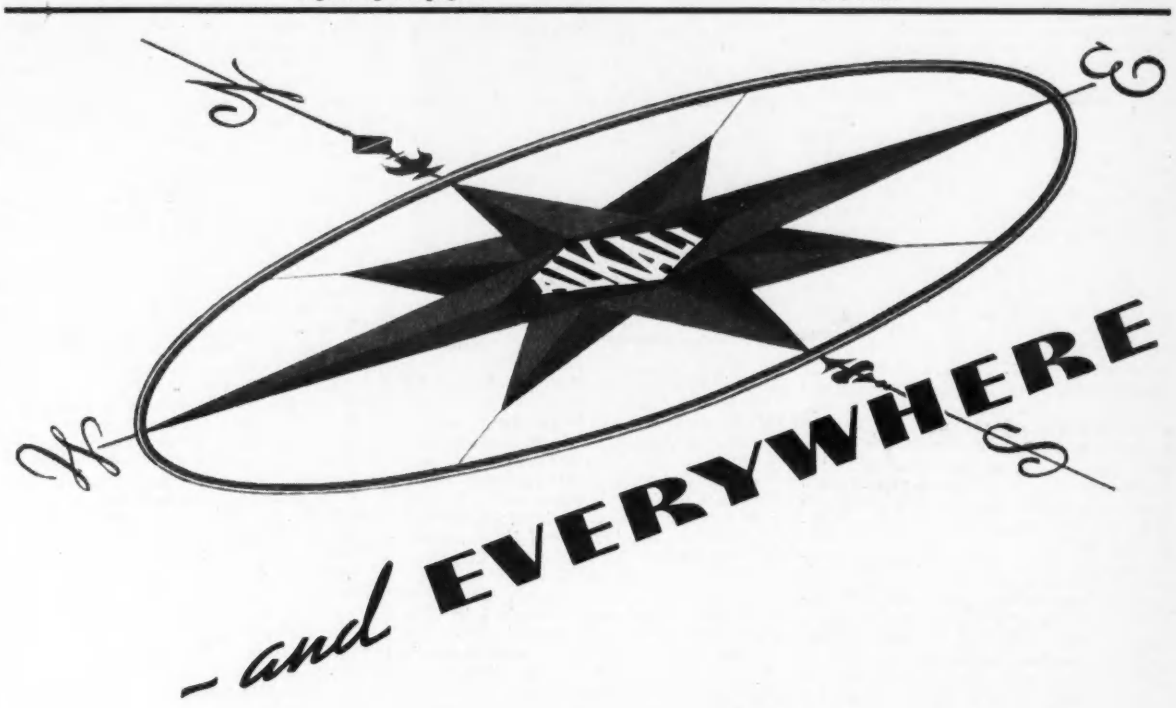
Bordeaux Mixture.—A steady to firm price tone prevailed in this market. Demand was fair.

Calcium Arsenate.—The market noted a fair amount of activity, quotations were decidedly firm.

Lead Arsenate.—A firm tone was an outstanding factor in this market. Buying reflected a seasonal trend.

Nicotine Sulphate.—A good amount of interest was reported here. Quotations were firm.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7



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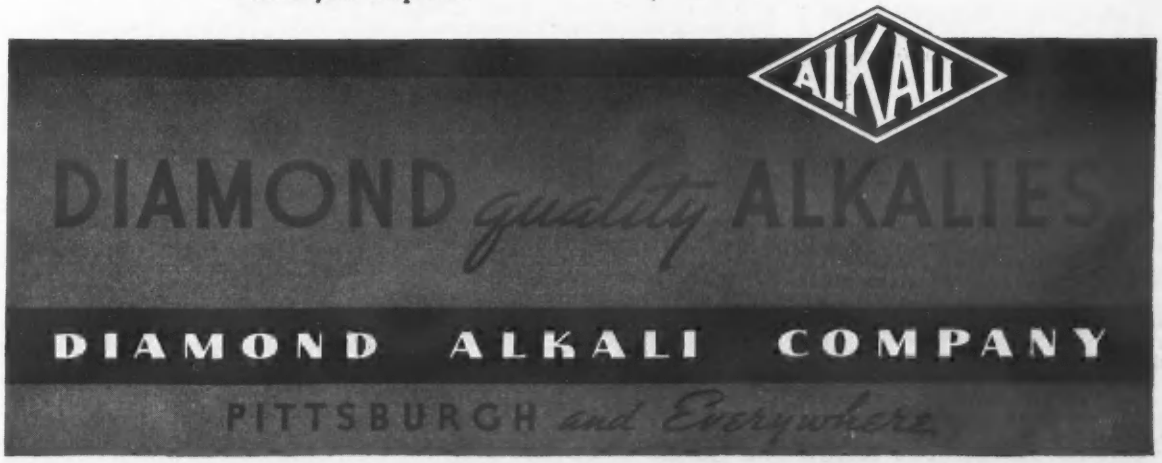

Tydings Fair Trade Rider in D. C. Bill

(Continued from page 5)

This would mean that under normal procedure the house would not vote on the conference report until Monday at the earliest. The house could either accept the conference report in toto or reject it with certain instructions to its conferees and ask for a further conference with the Senate. There would be no opportunity for amendments to the Tydings rider.

Conflicting rumors and reports regarding the Tydings-Miller bill have filled Washington since the senate last Friday passed the measure as a rider on the District of Columbia omnibus tax bill. At that time the sponsor of the measure, Senator Millard F. Tydings of Maryland, told the senate that an amendment which he proposed to prohibit horizontal agreements, and which was adopted, made the bill acceptable to the Department of Justice, and that forces opposed to the bill had withdrawn their opposition.

The bill passed the senate with little debate and without a roll call vote after Senator Tydings offered his amendment, which is as follows:—

Provided further, that the preceding proviso shall not make lawful any contract or agreement, providing for the establishment or maintenance of minimum resale prices on any commodity herein involved, between manufacturers or between producers or between wholesalers or between brokers or between factors or between retailers or between persons, firms, or corporations in competition with each other.

President Reported Agreeable

For some days after this it appeared that Mr. Tyding's statement was true and that President Roosevelt had tacitly withdrawn the opposition to the bill which he expressed some months ago in letters to the Vice-President and the Speaker of the House. Reports had it that Postmaster-General James A. Farley and James Roosevelt, the President's son and secretary, were both working for enactment of the bill and had persuaded the President to acquiesce. On the other hand, it was also reported that the Federal Trade Commission and Secretary Henry Morganthau, jr., of the Treasury Department, had renewed their opposition to the bill and had again informed the President that its passage would stop pending and proposed antitrust proceedings against various allegations of price-fixing, identical prices, and collusive bidding.

At his press conference Tuesday President Roosevelt was asked if it was correct that he had withdrawn his opposition to the Tydings measure, and he gave a non-commital answer, stating that he had lost track of the measure and did not know what its status was.

The D. C. tax bill, which had previously passed the house without the Tydings rider, was sent to conference, but the conferees were occupied with other tasks and little progress was made on the bill during the week. Many of the tax items differ so much in the house and senate bills and are provoking so much controversy that speedy action was not expected.

The house leaders had scheduled the Miller bill for consideration July 27, an indication that they had White House assurance that the bill was no longer opposed. However, the bill was not called up, and the explanation given was that the house conferees on the D. C. bill were friendly to the Tydings amendment and would approve it and so it would not be necessary for the house to take a day's time in consideration of the identical Miller bill.

Celler Says Objections Stand

A new aspect developed Thursday forenoon, however, when Representative Emanuel Celler of New York issued a statement declaring that he could say "on the highest authority" that the administration has not withdrawn its objections to the bill. A check of several informed sources indicated that Mr. Celler's information might be correct, although advocates of the bill professed to discount his statement.

When the tax bill was voted on in the senate the Tydings rider was briefly defended by its author. It was endorsed by Senator Warren R. Austin of Vermont because it is decentralization of price-control away from Washington and because its effect would be to remove the protection of the price-cutter, whose practices he described as "a vice in an economic system."

The only opposition to the bill came from Senator King, who made a lengthy speech covering much the same ground as the minority report of the senate District of Columbia committee, in which Senator King opposed inclusion of the Tydings bill as an amendment to the District bill.

Meyer Bros. Drug Co. Nears 85th Birthday

The Meyer Brothers Drug Company, largest independent wholesale drug house in the United States, with headquarters in St. Louis, and branch houses in New Orleans and Little Rock, will celebrate September 12, its eighty-fifth anniversary, having been continuously in the drug business, without any material change in name, or family control, ever since its start.

The business was established in 1852 in Fort Wayne, Ind. by Christian F. G. Meyer. Five years later he admitted his

Carl F. G. Meyer

brother into partnership taking the name of Meyer & Brother. Continued expansion of business caused Mr. Meyer to look for a larger field, and he selected St. Louis as the logical distributing center for the United States, and in 1865, the St. Louis house was established with the founder in active charge, his brother remaining in Fort Wayne. In 1889 the business was incorporated as the Meyer Brothers Drug Company and obtained recognition as the largest drug house in the country. The New Orleans house was established in 1925 succeeding the old firm of Finlay-Dicks & Co., and in 1930, at the urgent solicitation of a delegation of retail druggists, the Little Rock house was established.

The policy of the company always has been "Quality the First Consideration." Being a manufacturer as well as distributor, the company was the pioneer in putting up a line of packaged household drugs under the name of Meyer "Certified" drugs and chemicals, the idea of packaging drugs and chemicals in this manner being originated by Carl F. G. Meyer, now president of the company. The company still follows the policies established by its founder and its success may be attributed to giving quality first consideration and to fair and just dealings with its thousands of customers, many of whom have dealt with the house for half a century or more.

The present officers of the company are:—President, Carl F. G. Meyer; vice-president, Adolph C. Meyer; vice-president, Stanley B. Simpson; vice-president, Carl F. G. Meyer, 3d.; treasurer, John C. Vaughan; secretary, Edward P. Schrader; assistant treasurer and secretary, Ewald Habegger; vice-president and manager of the New Orleans house, C. A. Iorns; vice-president and manager at Little Rock, R. R. Chamberlain.

Givaudan-Delawanna, Inc., aromatic chemicals, this city, has issued its July edition of the *Givaudanian*. It contains an interesting article on air conditioning and the co-operation between the company and engineers faced with problems of odors. Dr. Eric C. Kunz, president of the company, discourses editorially on the idea that the world cannot afford another war. A new style of fifty-pound tin containers has been adopted by the company and is pictured. Finally, an airplane view of the plant at Delawanna, N. J., occupies the last page of the publication.

Chemical Employment Down, Payrolls Up

(Continued from page 5)

cent above the general average for all industries, and 37 percent above the general average for June, 1936. Payroll totals were 33 percent above the general average for 11 industries June 15, 1937, and 69 percent above the general average for June, 1936.

Detailed Comparisons

Details for the several divisions comprised in the calculation of the Bureau of Labor Statistics June 15 index numbers for the chemical group of industries show the following comparisons:—

Employment

(100=1923-25 average)

	June 1937.	May 1937.	June 1936.
Chemicals	138.6	137.5	118.6
Cottonseed oil, cake and meal	45.5	47.8	37.0
Druggists' preparations	108.7	108.3	100.4
Explosives	95.5	90.7	82.7
Fertilizers	74.1	104.6	59.1
Paints and varnishes	139.7	140.2	128.9
Petroleum refining	126.0	124.1	117.8
Rayon and allied products	391.4	384.0	336.2
Soap	103.6	103.3	96.3

Payroll Totals

(100=1923-25 average)

	June 1937.	May 1937.	June 1936.
Chemicals	154.6	152.5	113.3
Cottonseed oil, cage and meal	41.2	42.3	28.5
Druggists' preparations	119.6	118.0	90.4
Explosives	103.4	103.2	83.5
Fertilizers	79.3	116.2	54.9
Paints and varnishes	143.4	145.0	120.9
Petroleum refining	141.3	138.3	112.3
Rayon and allied products	392.0	382.0	276.8
Soap	116.3	113.8	94.9

Data compiled by the Bureau of Labor Statistics for basic non-manufacturing industries related to the chemical industries afforded the following comparisons on the basis of the 1929 average:—

	Employment		Payroll totals	
	June 1937.	May 1937.	June 1937.	May 1937.
Metalliferous mining	79.2	78.3	77.0	79.1
Quarrying and non-metallic mining	55.1	54.9	52.1	51.4
Crude petroleum producing	78.5	76.5	69.3	68.5
Dyeing and cleaning	92.2	88.8	78.6	73.9

Employment in New York

Employment in factories producting chemicals and related products in New York State made a gain of 1.1 percent in the State during the period May 15 to June 15, 1937, and increased 0.1 percent in the city, according to the records of the State Department of Labor.

General factory employment declined 0.2 percent in New York State during the monthly period, and 3 percent in the city. General factory payrolls showed no change in the State and decreased 2.1 percent in the city. The department's general factory index numbers, June 15, 1937 (100=1925-27 average), were:—Employment, 89.4 (15 percent above the 1936 level); payroll totals, 86.4 (31 percent above the 1936 level).

June Compared with May

	Percentages State.	City.
Drugs and industrial chemicals	+1.8	—0.1
Oil products	—1.1	+1.0
Paints, dyes and colors	—1.1	—1.4
Miscellaneous chemicals	+2.0	+0.7

Trade Agreement Misuse Is Charged by F.T.C.

(Continued from page 5)

prices; (2) prohibit, without qualification or limitation, sales below cost; (3) provide for a basic cost formula; (4) prohibit the granting of secret, direct or indirect price differentials, rebates, discounts or other allowances for the purpose of evading what the respondent terms "established basic cost prices"; (5) fix a maximum uniform discount of 2 percent or authorize the fixing of any maximum uniform discount; and (6) forbid the giving of free samples or free duplicates of merchandise.

C.W.S. to Be Renamed

WASHINGTON, July 26, 1937.

Both house and senate have passed the bill to change the name of the Chemical Warfare Service of the United States Army to the Chemical Corps. The change in name was requested by the War Department, and the bill does not otherwise affect the activities of this branch of the service.

Laboratories Silva Araujo-Roussel, the controlling interest in which is held by French capital, has taken over the wholesale and manufacturing drug business of the Sociedade Pharmaceutica Silva Araujo, Rio de Janeiro, Brazil. The new company is capitalized at 15,000 centos.

Obituaries

Louis Blaustein

Louis Blaustein, of Baltimore, who came to this country from Prussia at the age of fifteen and became one of the founders and chairman of the board of the American Oil Company, died in Atlantic City, N. J., July 27, while on a vacation. He had suffered a cerebral hemorrhage a week previously. He was sixty-eight years old.

The son of a Prussian miller, Mr. Blaustein had a brief education in his home town, and then came to this country, landing here with 50 cents in his pocket. He went to Baltimore, and in 1891 became a salesman for a building concern. The next year he went with the Standard Oil Company of New Jersey, becoming manager, and remained there for nearly twenty years. He founded the American Oil Company in 1910. His equipment was a horse and wagon. He persuaded his son Jacob to quit college and join him. Mr. Blaustein also organized the Lord Baltimore Filling Stations, Inc., and when his interests were merged with the Pan-American Petroleum & Transport Company in 1933 he became president of Pan-American. He also became chairman of the Mexican Petroteum Corporation and other oil concerns. In 1935 he built the largest petroleum refining unit in the world at Texas City, Tex., and started the American Oil Tanker Fleet to service the eastern coast from Texas City.

Surviving are his wife, Mrs. Henrietta Gittelsohn Blaustein; his son, Jacob Blaustein; two daughters, Mrs. Alvin Thalheimer, and Mrs. Henry A. Rosenberg, all of Baltimore.

Dr. Jacob Diner

Dr. Jacob Diner, an active figure in pharmacal affairs two decades ago and the first dean of the pharmacal school of Fordham University, died July 25 in a hospital in Amityville, L. I. He had been ill for a number of years. He was sixty-seven years old.

Dr. Diner was a native of Russia. He was engaged in the practice of pharmacy in this city for a number of years, specializing in prescription work, and was a leader in the movement for better development of the professional side of the retail drug business. He took up the study of medicine in 1909 at Fordham and was chiefly instrumental in the founding of the pharmacal school there in 1912. He retired from the school in 1932 and about the same time was compelled by ill health to give up his consulting practice in medicine.

He left a widow, Mrs. Hilda Diner; a son, Milton, Diner; and a daughter, Mrs. Irene Koenigsberger.

Hiram A. Lewis

Hiram Augustus Lewis, assistant general manager of sales for the Standard Oil Company of Indiana, died July 25 at Passavant Hospital, Chicago, after a short illness. Mr. Lewis, widely known in middle west oil marketing circles, was born at Lexington, Mo., in 1884. He was a graduate of Wentworth Military Academy. He joined Standard in its Kansas City office in 1903 as stenographer. He had a series of advances, going to the Chicago office in 1921 as manager of the Chicago division. He was married in 1911 to Effie Mary Ashby of Kansas City, who survives him, as does a son, Hiram 3d. Funeral services were held July 27 at St. Mary's Episcopal Church, Kansas City, and burial was in Forest Hills Cemetery there.

James F. McBride

James F. McBride, vice-president and secretary of Edward Smith & Co., paint and varnish manufacturers, Long Island City, N. Y., died, July 27, at his home in Rutherford, N. J., after an illness of ten weeks. He was sixty-seven years old and failed to rally after a series of operations. Mr. McBride was associated with Edward Smith & Co., for thirty-six years. He started with the company as a salesman, rose to sales manager and was vice-president and secretary of the company for several years. He was at one time very active in the affairs of the old New York Paint, Oil and Varnish Club which is now the New York Paint, Varnish and Lacquer Association.

A native of Kingston, N. Y., Mr. McBride lived in Rutherford, N. J., since 1897. He is survived by his wife, Mrs. Mary Munroe McBride, and two sons. Interment was held July 29 at the Hillside Cemetery, Rutherford.

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Drug Act Revisers Are Revamping Copeland Bill

(Continued from page 5)

any of its containers or wrappers, or two accompanying such article.

A further provision in the definition of "labeling" conforms to a provision in the drug advertising section of the Wheeler-Lea bill and requires

. . . if, at the time of the commission of the prohibited act with respect to the article alleged to be misbranded, there exists a substantial difference of opinion among experts qualified by scientific training and experience, as to the truth of a representation, the labeling shall not be considered misleading on account of such representation, if it states clearly and prominently the fact of such difference of opinion.

Antiseptics Defined

Regarding antiseptics, it is provided that the representation of a drug, in its labeling, as an antiseptic shall be considered to be a representation that it is a germicide, except in the case of a drug purporting to be, or represented as, an antiseptic for inhibitory use as a wet dressing, ointment, dusting powder, or such other use as involves prolonged contact with the body.

The committee print dropped the language relating to injunction proceedings contained in earlier drafts, some of which applied only to repetitious violations, and substitutes a simple provision that where it shall appear to the Secretary of Agriculture that any person is engaged or about to engage in any act which will constitute a violation of the law he may bring suit to enjoin such act and to enforce compliance with the law.

Seizures Limited

The seizure provisions in the committee print prohibit multiple condemnation proceedings for alleged misbranding except where such misbranding has been the basis of a prior judgment in favor of the government or except "when the secretary has probable cause to believe from facts found by him that such misbranding of the article renders it imminently dangerous to health or is, in a material respect, false, misleading, or fraudulent." It is also provided that in cases where only one condemnation proceeding may be brought, this case, on application of the claimant, may be removed for trial to any district adjacent to the district of the claimant's principle place of business or to any other district which may be agreed upon by stipulation between the parties to the proceeding.

Variation Statement Required

The drug standards provision, including the so-called "variation clause," has been rewritten in the committee print to read as follows:—

A drug shall be deemed to be adulterated if it purports to be or is represented as a drug the name of which is recognized in an official compendium, and its strength differs from, or its quality or purity falls below, the standard set forth in such compendium. Such determination as to strength, quality, or purity shall be made in accordance with the tests or methods of assay set forth in such compendium, except that whenever tests or methods of assay have not been prescribed in such compendium, or such tests or methods of assay as are prescribed are, in the judgment of the secretary, insufficient for the making of such determination, the secretary shall bring such facts to the attention of the appropriate body charged with the revision of such compendium, and if such body fails within a reasonable time to prescribe tests or methods of assay, which, in the judgment of the secretary, are sufficient for purposes of this paragraph, then the secretary shall promulgate regulations prescribing appropriate tests or methods of assay in accordance with which such determination as to the strength, quality, or purity shall be made. No drug defined in an official compendium shall be deemed to be adulterated under this paragraph because it differs from the standard of strength therefor set forth in such compendium, if its difference in strength from such standards is plainly stated on its label.

Definitions of Misbranding

The first definition of a "misbranded drug" is given in the committee print as "if its labeling is misleading in a material respect." The committee print strikes out the phrase, "false or misleading in any particular" which appeared in some previous drafts of this definition. It also eliminates the provision that a representation concerning the effects of a drug shall be deemed to be false if it is not supported by demonstrable scientific facts or substantial and reliable scientific or medical opinion.

Another definition of misbranded drugs has been rewritten to read:—

If any word, statement, or other information required by or under authority of this act to appear on the labor or labeling is not prominently placed thereon with such conspicuousness (as compared with other words, statement, designs, or devices in the labeling) and in such terms as to render it likely to be read and understood by the ordinary individual under customary conditions of purchase and use.

This is a considerable change in language from earlier drafts, and among other things it eliminates the provision that due consideration be given to the size of the package.

The committee print contains a provision that a non-official drug must be labeled to show the common or usual name of its ingredients except that where fabricated from two or more ingredients the names need not appear on the label f the ingredients are disclosed to the Secretary of Agriculture.

It is also required that a drug be labeled with adequate directions for use and warnings against dangerous use as prescribed by the secretary, but the words, "plainly and conspicuously," have been stricken from this paragraph, this requirement having been taken care of in another part of the print.

In Respect of Cosmetics

The principal definition of adulterated cosmetics in the committee print reads:—

If it bears or contains any poisonous or deleterious substance which renders or will render it injurious to users under the conditions of use prescribed in the labeling thereof, or under such conditions of use as are customary or usual.

Some earlier drafts of this provision used the words, "which may render it injurious."

A cosmetic shall be deemed to be misbranded if its labeling is misleading in a material respect, under the language of the committee print. An earlier draft used the phrase, "if its labeling is false or misleading in any particular."

Krebs Pigment Host To Paint Technicians

A complement of 170 technicians from the Baltimore, Philadelphia and New England Paint & Varnish Production Clubs were the guests of the Krebs Pigment & Color Corporation at Wilmington, Del., July 16 to 18, for technical demonstrations and a week-end of merriment. The guests were taken to Wilmington in special cars from each of their respective points of embarkation and assembled Friday evening, July 16. An informal reception preceded dinner in the DuBarry room of the DuPont Hotel, where several members of the Krebs staff acted as hosts, including Zach Phelps, vice-president; G. A. McCorkle, general sales manager; William R. Morpeth, assistant general sales manager; Joseph Hughes, Northeastern sales manager; W. O. Thompson, A. W. Perry, and others.

After breakfast Saturday morning the entire party visited the Krebs test fences for an inspection tour of various types of paint panels. Some of the panels shown were to indicate the durability of lithopone paint films applied over hard type paints by comparison with paints applied over bare wood panels. The tint retention of titanium dioxide paints was also exhibited extensively and convincingly. Later the guests assembled in the Nemours auditorium in Wilmington for closer technical acquaintance with the properties of Monastral blue, the new copper phthalocyanin blue. An interesting lecture on the physical capabilities of this new blue was delivered by H. A. Reddy of the Krebs technical service department. Exposure panels were also shown to demonstrate the comparative tint retention and durability with other mineral and organic blues.

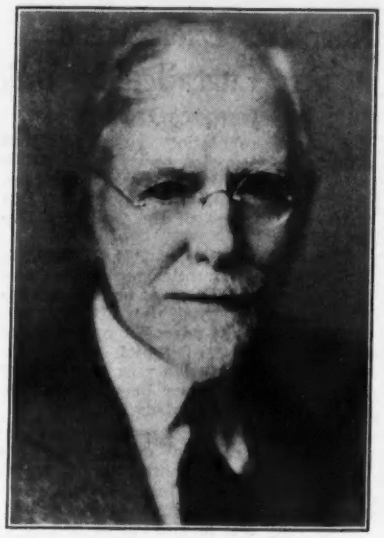
The remainder of the day was devoted to sports. Many of the guests were taken to the nearby Concord Country Club for an afternoon of golf, while others were the company's guests at the newly opened Delaware Park race track, near Wilmington. In the evening, a dinner was held in the Du Pont Hotel and an elaborate floor show was presented.

Sunday's program consisted of golf, a visit to the Longwood gardens, and sight-seeing in and around Wilmington. At dinner in the late afternoon, golf prizes were awarded to E. J. Morse, jr., of the Morse Blacking Company, who took the winner's trophy; W. S. Gibbs, of the J. C. Dunn Company, runner-up; and J. F. McMenamin, of Felton, Sibley & Company, third.

Sherman Shaler, Taft, Cal., and associates, have a crew getting the Rinconada quick silver mine, eleven miles southeast of Santa Margarita, Cal., in condition and some worth while ore is already being mined.

Baxter, Oil Pioneer, to Head A.C.S. Convention

Florus R. Baxter, pioneer in the development of the oil industry; for years head of the Vacuum Oil Company's research laboratories, and during the World War a member of the Petroleum Board, has been appointed honorary chairman of the ninety-fourth meeting of the American Chemical Society, to be held in Rochester, N. Y., September 6 to 10, with 4,000 scientists and industrialists partcipating.



Florus R. Baxter

Mr. Baxter, now eighty years old, was in the service of the Vacuum Oil Company for fifty-one years. As head of the company's laboratory during the greater part of this period he was active in bringing order into the production of industrial lubricants and transformer oils, widely used in the electrical industry. An authority on Pennsylvania crudes, he was instrumental in developing technical analysis of petroleum and its products. With the late Frank A. Roda he did much of the earlier work in the separation of amorphous paraffin from filtered cylinder oils. He retired in 1932, the year following the formation of the Socony-Vacuum Oil Company by the Standard Oil Company of New York and the Vacuum Oil Company His public service included a study of foreign aircraft manufacturing problems for the Federal Government.

M. H. Eisenhart, president of the Bausch & Lomb Optical Company, has been chosen chairman of the general committee which will direct arrangements for the convention. Advances in the chemical industry will be reported in hundreds of papers and addresses. A symposium will be devoted to gas and fuel. Petroleum rubber, food, sugar, cellulose, and industrial and engineering chemistry are other fields to be covered.

N.P.V.L.A. Headquarters Transfer Is Postponed

WASHINGTON, July 27, 1937.

Construction of a new building to house the War Department, projected for a site now occupied in part by the headquarters offices and laboratories of the National Paint, Varnish and Lacquer Association, will be postponed in the interest of economy.

This was made known today after a visit to the White House by Representative Clifton Woodrum of Virginia, who is in charge of the final deficiency appropriation bill now being completed by the house appropriations committee. Mr. Woodrum stated that the President agreed that, in view of the need for economy, this bill should not contain appropriations for a number of new government buildings in Washington, including that for the War Department.

Fuller & Co. Expanding

A new lacquer-blending factory and laboratory will be erected for W. P. Fuller & Company at Avenue Twenty-two and Humboldt street, Los Angeles. The new plant will be two stories in height, will cover an area of 113 x 62 feet, and will cost approximately $40,000. This structure will be the first unit in the company's new lacquer division and is one of four buildings built on the same property by the company during this year.

National Lead Income Nearly Doubles 1936

The National Lead Company reports for the six months ended June 30, consolidated net income of $5,192,266, equal to $1.36 a share on common stock, compared with $2,740,927, of 57 cents a common share in the like 1936 period. Sales totaled $50,728,761 compared with $36,607,914 in the initial half of 1936.

The report showed more than $1,100,000 in non-recurring profit, part of which came from the payment by the American Smelting & Refining Company on its 6 percent prefered stock, of which National Lead owned a large amount.

Edward J. Cornish, chairman of the board of directors of the company, said that despite the substantial improvement in earnings during the first half of the year compared with the same period of 1936, the directors decided not to raise the dividends at this time because "we need a little more working capital in view of the large improvements made last year and contemplated this year." Mr. Cornish said that last year the company spent more than $6,000,000 on improvements and will likely spend between $6,000,000 and $7,000,000 this year.

Mr. Cornish criticized the Federal tax on undistributed corporate profits. He said:—

If it influences all corporations in United States to declare out everything they have in dividends instead of growing along the lines of their past growth, you are very likely at some time to see an epidemic of failures in the United States that would be terrific. Now, I do not think that it is coming soon, but I consider that the law is very bad, and I will not undertake to tell you how long we can pay and continue to pay our usual dividends, if we are going to be punished for creating a surplus for further use.

I do not know what we will have to do before the year is over. Naturally, we do not like to give money that belongs to our common stockholders to the Federal government.

N.P.V.L.A. Wholesale Division Nominates

The nominating committee of the wholesale division of the National Paint, Varnish and Lacquer Association, meeting in Chicago July 21, nominated the following officers and three members of the executive committee of the division:—

For vice-president of the association and chairman of the wholesale division, W. B. Elwang, Sanders Brothers Company, Richmond, Va.; vice-chairman, L. S. Wernli, Hansen Glass & Paint Company, Sioux City; chairman of the executive committee, Karl H. Smith, Paint Stores, Inc., Detroit; vice-chairman of the executive committee, W. H. Stoneman, M. G. Stoneman & Son, Albany; members of the executive committee, Harry W. Constant, United Sash and Door Company, Wichita; W. B. Elwang, Sanders Brothers Company, Richmond, Va.; and A. F. Winstel, Saeger-Winstel Company, Cincinnati.

Aluminum Co. Wins Supreme Court Appeal

PHILADELPHIA, July 27, 1937.

The special expediting court which last week allowed the Government to proceed with its anti-trust suit in New York against the Aluminum Company of America, today permitted the company to take an appeal to the United States Supreme Court from the action of the expediting court.

The court refused to allow a supercedeas, which would have the effect of staying proceedings in the Federal District Court in New York pending the outcome of the appeal to the supreme court. It was said the matter of a supercedeas was one for the supreme court to decide, and it was agreed that the Government would make no further move until the supercedeas was asked by the company.

Eagle-Picher Moves Divisions

The Eagle-Picher Sales Company, on Saturday, July 24, moved several of its Chicago sales offices from 4401 South Western avenue to 1 La Salle street, according to W. R. Dice, executive vice president. The divisions changing address were the pigment and oxide division, the lead-in-oil division and the insulation division. The new telephone number is Central 8277. The metal division remains at 4401 South Western avenue.

A. Ph. A. Convention Program Is Announced

The American Pharmaceutical Association, which is to hold its eighty-fifth annual convention with related organizations, in the Hotel Pennsylvania, this city, August 16 to 21, has arranged a most comprehensive program for the six days meeting, as announced by Hugo H. Schaefer, convention chairman. The meetings will be preceded by a plant science seminar, August 10 to 13; two conferences on pharmaceutical research, August 14, and a meeting of the council of the American Pharmaceutical Association and of the American Council on Pharmaceutical Education, August 15.

The full convention program follows:—

August 10-13

Plant Science Seminar.

Saturday—August 14

2:00 P.M. National Conference Pharmaceutical Research.
8.00 P.M. National Conference Pharmaceutical Research.

Sunday—August 15

9:00 A.M. Council, A. Ph.A.
8:00 P.M. American Council on Pharmaceutical Education.

Monday—August 16

9:00 A.M. National Association of Boards of Pharmacy.
9:00 A.M. American Association of Colleges of Pharmacy—Executive committee, chemistry conference.
Pharmacy conference.
Pharmacognosy and pharmacology conference.
Pharmaceutical economics conference.
2:00 P.M. N A. B. P.
2:00 P.M. A. A. C. P.
6:00 P.M. Dinner, N. A. B. P.
6:00 P.M. Dinner, A. A. C. P.
8:30 P.M. First session conference pharmaceutical law enforcement officials.

Tuesday—August 17

9:00 A.M. Joint Conference, A. Ph. A., N. A. B. P. and A. A. C. P.
12:15 P.M. Luncheon, Committee on National Formulary.
2:00 P.M. N. A. B. P.
2:00 P.M. A. A. C. P.
6:00 P.M. Dinner, Rho Chi Fraternity followed by annual meeting.
8:00 P.M. First General Session, A. Ph. A.
10:30 P.M. President's reception followed by dancing.

Wednesday—August 18

9:00 A.M. First session, house of delegates.
12:15 P.M. Luncheon, committee on syllabus.
12:15 P.M. Luncheon, Kappa Psi fraternity and Lamba Kappa Sigma sorority.
12:15 P.M. Luncheon, Phi Delta Chi fraternity.
2:00 P.M. Council, A. Ph. A.
2:00 P.M. First session scientific section.
2:00 P.M. First session section on education and legislation.
2:00 P.M. First session section on practical pharmacy and dispensing.
2:00 P.M. First session section on historical pharmacy.
2:00 P.M. First session section on commercial interests.
2:00 P.M. First session conference pharmaceutical association secretaries.
3:00 P.M. Meeting committee on nominations.
3:00 P.M. Meeting committee on resolutions.
7:00 P.M. Joint banquet, A. Ph. A. and related organizations.

Thursday—August 19

9:00 A.M. Second general session, A. Ph. A.
12:00 N. Veteran druggists luncheon.
2:00 P.M. Boat ride up the Hudson river.
6:00 P.M. Dinner at Bear Mountain Inn.
8:00 P.M. Return boat ride to New York.
8:15 P.M. Second session House of Delegates (to be held on the boat).

Friday—August 20

9:00 A.M. Joint session scientific section and section on practical pharmacy and dispensing.
9:00 A.M. Session sub-section on hospital pharmacy.
9:00 A.M. joint session section on education and legislation, conference law enforcement officials and conference of pharmaceutical association secretaries.
12:15 P.M. Special luncheons.
2:00 P.M. Second session scientific section.
2:00 P.M. Second session section on education and legislation.
2:00 P.M. Second session section on practical pharmacy and dispensing.
2:00 P.M. Second session section on historical pharmacy.
2:00 P.M. Second session section on commercial interests.
2:00 P.M. Second session conference law enforcement officials.
2:00 P.M. Second session conference pharmaceutical association secretaries.
6:00 P.M. Dinner former presidents, A. Ph. A.
7:30 P.M. Meeting committee on resolutions.
8:00 P.M. Final session house of delegates.
10:00 P.M. Farewell party and dancing.

Saturday—August 21

9:00 A.M. Final General Session, A. Ph. A.
1:00 P.M. Council A. Ph. A.

Narcotics Exemptions Are Curtailed by U.S.

WASHINGTON, July 27, 1937.

A new regulation requiring that opium suppositories and similar products be sold only on physicians' prescriptions was issued today by the Bureau of Narcotics of the Treasury Department.

The new regulation, T.D.-27, amends article 103 of narcotics regulations and changes the definition of exempt preparations for external use. The bureau discovered that narcotic preparations for external use, which heretofore could be purchased across the counter in drug stores, have been subject to extensive abuse by drug addicts.

The new regulation requires that any preparation capable of internal use must contain not more than 2 grains of opium or ¼ grain of morphine or ⅛ grain of heroin or 1 grain of codeine or any salt or derivative of any of these in one fluid ounce, or, if the preparation is a solid or semi-solid, in one avoirdupois ounce. Such preparations should contain active medicinal drugs in sufficient quantities to confer valuable medicinal qualities other than those given by the narcotic drugs alone. Use for aural, nasal, occular, rectal, urethral, or vaginal purposes is not regarded as for external use. Preparations containing pantapon are not subject to these exemptions.

There is no limit on the percentage of narcotic drugs which an external-use preparation may contain, but it must contain ingredients rendering it unfit for internal administration.

Tertiary Butyl Alcohol Specifications Revised

WASHINGTON, July 26, 1937.

Only anhydrous tertiary butyl alcohol will be used for the denaturation of special denatured alcohol under revised specifications effective at once, issued today by the Bureau of Internal Revenue.

Tertiary butyl alcohol as used in SD formulas No. 39, 39-A, 39-B, and 40, heretofore has contained approximately 13 percent of water, and users have complained that it had a corrosive tendency. The new specifications call for the use of an anhydrous grade which department officials declare will eliminate complaints of corrosion.

The specifications (A.T. No. 309) for the denaturant have been revised to read as follows:—

Specific gravity 25/25 deg. C.—0.780 to 0.786.

Color—Water white.

Water—Miscible without turbidity with 19 volumes of 60 deg. Be. gasoline at 20 deg. C.

Acidity (free acid as acetic acid)—Less than 0.003 percent.

Distillation range—When 100 c.c. are distilled according to the A.S.T.M. method, D268-33, none should come over below 78 deg. C. and none above 85 deg. C. More than 95 percent should distil over between 81 deg. C. and 83 deg. C.

Residual odor—None.

Nonvolatile matter—Less than 0.005 percent.

Freezing pont (first needle)—Above 20 deg. C.

Identification test—Place 5 drops of a solution containing 1/10 of 1 percent of tertiary butyl alcohol in ethyl alcohol in a test-tube containing 2 c.c. of Denige's reagent. The mixture is then heated just to boiling and then removed from the flame. A yellow precipitate should be produced.

Parke, Davis Income Up

Parke, Davis & Co. and subsidiaries report for six months ended June 30, net profit of $4,338,853 after depreciation and federal income taxes, equal to 89 cents a share on 4,892,114 capital shares against $4,123,384 or 84 cents a share in the same period of 1936.

For 12 months ended June 30, net income was $9,428,594 equal to $1.93 a share, against $8,672.105 or $1.77 a share for 12 months ended June 30, 1936.

Dr.G.W.Thompson Is Honored by A.S.T.M.

Dr. Gustave W. Thompson, chief chemist for the National Lead Company, was elected to honorary membership in the American Society for Testing Materials at this year's meeting of the society.

In the citation for the honor the society said with respect to Dr. Thompson:—

Mr. Thomson is an international authority on lead and its uses and has probably done more than any other living

Dr. G. W. Thompson

man to develop the scientific and technical aspects of the lead industry. The literature contains a large number of his contributions, most of which have related to pigments, linseed oil, and nonferrous metals. He has been chief chemist of the National Lead Company since 1892 and a director since 1916. He has also been a director and officer of a number of the subsidiaries of that company.

Mr. Thompson's membership in the society dates from 1903, when he was also elected to membership on committee D-1 on paints, varnishes and lacquers, then committee E on preservative coatings for iron and steel. During the period when he was secretary of that committee, 1919-20, the committee had under way one of the most extensive series of test programs that any A.S.T.M. group has ever undertaken. He was also in charge of extensive work in the development of reliable data and adequate specifications for linseed oil. He has also been a member of committee E-8 on nomenclature and definitions since its organization in 1920. He has contributed a number of papers to the proceedings of the society dealing with paints and pigments.

He has contributed greatly to the executive direction of the society's affairs. He served twice as a member of the executive committee, 1912-13 and 1916-18; in 1926 he was elected vice-president, and became president of the society in 1928. His advice and counsel in the affairs of the society have been invaluable.

He has been active in many scientific and technical organizations, including the American Chemical Society, American Institute of Chemical Engineers (of which he was president in 1918), Society of Chemical Industry, American Association for the Advancement of Science. In 1927 the Armour Institute of Technology conferred on him the honorary degree of doctor of science.

Board of Trade Plans Golf, Outing August 11

The New York Board of Trade will holds its annual golf tournament and outing at the Shackamaxon Country Club, Westfield, N. J., August 11. In the golf match prizes will be awarded for lowest net score, lowest handicap score and as consolation to the highest score. Members and guests will assemble for dinner at 7 p. m., and all through the afternoon and evening a choice bill of entertainment will be presented.

Representatives of the drug, chemical, and allied trades in the golf tournament and outing committee are:—W. J. Bott, J. L. Hopkins & Co.; Ralph E. Dorland, Dow Chemical Company; Samuel W. Fraser, Burroughs, Wellcome & Co.; Joseph C. Hearn, Harold F. Ritchie & Co.; J. Leon Lascoff, J. Leon Lascoff & Son; Percy C. Magnus, Magnus, Mabee & Reynard, Inc.; Charles A. Prickitt, Upjohn Company, and George Simon, Heyden Chemical Corporation.

Toiletries exports from the United State in May had a total value of $541,578. Dental creams constituted almost one-third of the total.

Drug Store Chain Sales 2.3 Percent Above 1936

Daily sales of chain drug stores in the United States in June, 1937, averaged 2.3 percent higher than in the same month a year ago, according to preliminary estimates of the Bureau of Foreign and Domestic Commerce issued in a monthly series. The greatest gain was shown by tobacco sales, which were 5.1 percent higher than a year ago, followed by fountain sales with a 4.0 percent increase, while all other sales decreased 0.3 percent.

Without allowance for seasonal variation, June, 1937, sales were 2.5 percent lower than in May, 1937. Fountain sales were 5.1 percent higher, tobacco sales 0.1 percent advanced, and all other sales declined 5.7 percent in the monthly period.

Of the geographic regions, the South Atlantic States, with a 7.0 percent increase, showed the greatest improvement from June, 1936, followed by the East and South Central States with an increase of 6.9 percent.

Eastern Pharmacal Company Restricted in 'Aspiral' Use

The Eastern Pharmacal Company, Yonkers, N. Y., selling a liquid pharmaceutical product under the name "Aspiral," has been ordered by the Federal Trade Commission to discontinue using that name or any word containing the letters "Aspir" as a trade name or designation, unless at the time of its sale the product is acetylsalicylic acid, commonly known to the public as aspirin. The company also is directed to cease and desist from representig that "Aspiral" is aspirin and that "Elixir Aspiral" offers the better way of prescribing aspirin.

Findings are that although pure acetyl salicylic acid may have been used in preparing "Aspiral," nevertheless, when this acid was mixed with the liquid vehicle it was broken up in such a manner that an insufficient percentage of true acetylsalicylic acid was contained in the product at the time of sale. It was found that "Aspiral" is neither true acetylsalicylic acid nor aspirin.

Miles Salesmen in Convention

The annual sales convention of the Miles Laboratories, Inc., Elkhart, Ind., began July 27 and continued through July 29, at the plant. The meeting brought together sixty sales representatives of the corporation. Gatherings took place morning and afternoon each day and the program was in charge of Charles S. Beardsley, general sales manager. On Tuesday night, a boating and swimming party was held at the home of Walter R. Beardsley, preceded by a picnic supper at the home of Edward H. Beardsley. Wives of the gentlemen present were entertained at luncheon on Wednesday, Mrs. Charles Miles, jr., being the hostess. The annual banquet was held Wednesday evening at the Hotel Elkhart.

Dr. Bogert Honored by Scotch Royal Society

Dr. Marston Taylor Bogert, professor of organic chemistry in Columbia University and former president of the American Chemical Society, has been elected Honorary Fellow of the Royal Society of Edinburgh, Scotland.

Professor Bogert has taught at Columbia 43 years, and has been full professor since 1904. He has carried out notable researches in the synthetic organic chemical field. During the World War he was chief of the chemical service section of the National Army with the rank of colonel, and served in many other military posts. He is an honorary member of the Chemical Society of Poland and of the Societe de Chimie Industrielle de France; an honorary foreign member of the Royal Society of Sciences and Letters of Bohemia; medalist of the ancient Charles University of Prague, and of the Comensky University of Bratislava, and commander of the Order of the White Lion of Czechoslovakia.

William V. Hartman, vice-president of the Gulf Oil Corporation, obtained a writ of habeas corpus in Pittsburgh releasing him from technical custody on charges of violating the anti-trust act. The court placed him under $5.000 bond and held under advisement a United States commissioner's order for Mr. Hartman's removal to Madison, Wis., where he and 24 other oil officials were indicted for attempting to fix the price of gasoline.

Price Trends of Representative Chemicals, Oils, Drugs: 1933-37

(Continued from page 28)

Botanical Drugs, Spices, and Gums

	1933.		1934.		1935.		1936.		1937.	
	H.	L.	H.	L.	H.	L.	H.	L.	H.	L.
Aletris root	$0.19	$0.14	$0.27	$0.18	$0.30	$0.27	$0.30	$0.29	$0.30	$0.30
Arnica flowers	.14½	.07½	.15	.14	.30	.15	.33	.25	.28	.27
Belladonna leaves	.21	.10	.22	.18	.18	.14	.14	.14	.14	.14
Cascara sagrada bark	.10	.10	.10	.08	.11	.08	.12	.11	.14½	.12
Dandelion root	.17	.09½	.24	.17	.24	.18	.23	.18	.23	.20
Digitallis leaves	.32	.11	.35	.30	.30	.24	.26	.23	.30	.24
Ergot, U.S.P.	.40	.32	.46	.35	2.10	.34	2.25	1.35	2.05	1.75
Golden seal root	.90	.55	1.05	.85	2.00	1.05	2.85	2.00	3.20	2.85
Gum arabic, sorts	.08	.05¾	.09½	.08	.13	.09½	.10¼	.09	.14½	.09¾
Henbane leaves	.22	.07	.23	.17	.28	.19	.22	.20	.21	.19
Lavender flowers, select	.40	.27	.60	.40	1.05	.60	1.05	.63	.60	.55
Lycopodium	.32	.19	.32	.32	.80	.32	1.25	.80	1.40	.95
Myrrh	.21	.19	.25	.23	.40	.22	.40	.35	.45	.45
Papain	2.50	1.20	4.50	2.50	3.25	1.75	1.75	.95	1.25	.95
Rhubarb root	.25	.17	.29	.24	.38	.23	.35	.30	.35	.32
Saffron, Spanish	13.00	9.50	12.75	11.25	12.25	9.50	18.00	11.50	18.00	14.00
Senega root	.42	.29	.37	.23	.33	.23	.36	.33	.60	.36
Stramonium leaves	.23	.08½	.30	.13	.13	.08	.11	.07	.11	.11
Tonka beans, Angost	2.50	1.40	4.00	2.50	2.75	1.85	2.50	2.50	2.50	2.50
Valerian root	.14½	.12	.22	.13	.23	.13½	.13½	.11	.11	.10
Vanilla beans, Bourb	.90	.60	3.00	.85	2.70	2.00	3.75	2.40	4.75	3.75
Mexican	3.00	3.00	3.50	3.00	3.25	3.00	4.00	3.00	4.75	4.00

Petroleum Solvents, Lubricants, Fuels

Cylinder stock oil, bright, Pa.	$0.29	$0.19½	$0.32½	$0.19½	$0.23	$0.18½	$0.25	$0.23	$0.29	$0.24½
Gasoline, 65 oct., G.3	.05¾	.02¼	.05	.03⅞	.05⅜	.04¼	.05⅝	.04½	.06	.05
Kerosene, 41-43, G.3	.03½	.02⅛	.04½	.02⅝	.03⅝	.03	.04⅜	.03	.04⅛	.03⅝
Paraffin scale	.03⅞	.01⅞	.01⅛	.03	.03¼	.0190	.0255	.02¼	.0290	.0140
Petroleum thinner, G.3	.05¾	.03¾	.05⅞	.05½	.05⅞	.05⅞	.06⅜	.05⅞	.06⅞	.06⅜
Petrolatum, I. w.	.06⅜	.05½	.06⅜	.06⅜	.06	.05¼	.06	.06	.06	.06
Stoddard solvent, G.3	.06	.04½	.06⅜	.05⅝	.06⅜	.06⅜	.06⅞	.06⅜	.07⅜	.06⅞
V.m.p. naphtha, G.3	.06	.04	.06⅞	.06¼	.06⅞	.06⅞	.07⅜	.06⅞	.07⅞	.07⅜

Fertilizer Materials

Ammonia sulphate	$24.00	$20.00	$25.00	$22.00	$24.00	$21.50	$26.00	$24.00	$27.00	$26.00
Phosphate rock, Fla., 68%	3.10	2.75	3.40	2.85	3.40	1.85	1.85	1.85	1.85	1.85
Potash, manure salt	.638	.638	.638	.43	.48	.43	.55	.48	.58½	.55
Muriate	.71	.71	.74	.40	.45	.40	.50	.45	.53½	.50
Soda nitrate	24.90	23.90	24.50	23.50	23.50	23.50	25.50	23.50	26.50	25.50
Superphosphate	7.50	6.00	8.00	7.50	8.00	7.75	7.75	7.75	8.00	7.50

Bids Wanted

Aluminum Paint:—390 gallons ready-mixed; Contracting Officer, District H, C.C.C., Fort Benning, Ga.; procurement 5403-8, opening August 4.

Aluminum Polish:—Supplies; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-13, opening August 4.

Ammonia:—Supplies for various deliveries; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurements 626-20, opening August 6; and 626-3, opening August 4.
Supplies; Quartermaster, Plattsburg Barracks, N. Y.; procurement 678-2, opening August 7.
Supplies for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurements 155-9, opening August 10; and 155-7, opening August 5.

Anti-Freeze Solution:—39,228 gallons for various deliveries; Purchasing Officer, Interior Department, Washington; procurement 2856, opening August 3.

Antiseptic Solution:—Supplies for various deliveries; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-20, opening August 6.

Asphalt:—10,000 gallons; State Procurement Officer, Treasury Department, Atlanta, Ga.; procurement 5716, opening August 5.

Asphalt Mixture:—1,800 tons; U. S. Engineer Officer, Omaha, Neb.; circular 24, opening August 9.

Blueing:—Supplies; Quartermaster Depot, Army Base, Boston, Mass.; procurements 155-7, opennig August 5, and 155-9, opening August 10.

Borax: — Supplies; Quartermaster Depot, Army Base, Boston, Mass.; procurements 155-7, opening August 5, and 155-9, opening August 10.
Supplies for various deliveries; Quartermaster, Supply Officer, Army Base Brooklyn, N. Y.; procurement 626-20, opening August 6.

Brushes:—26,000 sets, blacking and daubers; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 1347, opening August 6.

Cadmium Oxide:—Lots of 200 to 1,000 pounsd; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, O.; circular 33, opening August 11.

Carbon Tetrachloride:—250 gallons; Purchasing Agent, Post Office Department, Washington; procurement 600, opening August 4.

Chloride, Liquid:—6,000 pounds; Purchasing and Contracting Officer, Langley Field, Va.; procurement 481-6, opening August 5.

Diphenylamine:—20,200 pounds for White Plains; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 1334, opening August 6.

Drop Black in Oil:—200 pounds; Commanding Officer, Rock Island Arsenal, Ill.; circular 38, opening August 6.

Ferric Sodium Oxalate:—2,000 pounds; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, O.; circular 29, opening August 3.

Flavorings:—Supplies for various deliveries; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurements 626-20, opening August 6, and 626-13, opening August 4.
Supplies for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis; procurement 801-5, opening August 5.

Foam Making Solution:—560 gallons for air foam nozzle; Purchasing and Contracting Officer, Quartermaster Depot, Baltimore; procurement 398-3, opening August 11.

French Ocher in Oil:—175 pounds; Commanding Officer, Rock Island Arsenal, Ill.; circular 38, opening August 6.

Fuel Oil:—Supplies, bunker fuel oil C grade for Diesel engines; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 1343, opening August 17.

Gasoline:—Supplies, motor fuel V, for east coast points; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 1345, opening August 17.

Gasoline, Navy Aviation:—Supplies for east coast points; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 1344, opening August 17.

Gelatin:—Supplies; Quartermaster, Marine Corps, Washington; schedule 86, opening August 10.

Lard:—Supplies; Sales Officer, Quartermaster Corps, Fort Hamilton, N. Y.; procurement 381-3, opening August 19.

Lard Substitute:—Supplies, Quartermaster, Marine Corps, Washington; schedule 86, opening August 10.

Lard and Lard Substitute:—Supplies; Purchasing and Contracting Officer, Quartermaster Corps, Fort Slocum, N. Y.; procurement 842-2, opening August 23.
Supplies for various deliveries; Purchasing and Contracting Officer, Quartermaster Corps, Fort Sam Houston, Tex.; procurement 503-14, opening August 20.
Supplies, Procurement Branch, Quartermaster Depot, Baltimore; procurement 398-4, opening August 23.

Mayonnaise:—Supplies for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-9, opening August 10.
Supplies for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis; procurement 801-5, opening August 5.
Supplies; Quartermaster, Plattsburg Barracks, N. Y.; procurement 678-2, opening August 7.

Metal Polish:—Supplies; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-13, opening August 4.
Supplies for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-9, opening August 10.

Paints:—Supplies of various types; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-15, opening August 6.

Paint Stripping Compound:—1,800 pounds; Supply Officer, Navy Aircraft Factory, Navy Yard, Philadelphia; requisition 627 Aero, opening August 5.

Paint Thinner, Volatile Mineral Spirits:—Supplies for eastern and western yards; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 1361; opening September 3.

Salt:—Supplies; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-17, opening August 5.
Supplies for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis; procurements 801-5, opening August 5, and 801-6, opening August 9.

Scouring Powder:—Supplies; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurements 626-13, opening August 4 and 626-20, opening August 6.
Supplies for various deliveries; Quartermaster Depot, Boston, Mass.; procurement 155-9, opening August 10.

Shoe Polish:—Supplies for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-9, opening August 10.
Supplies; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-13, opening August 4.

Soap, Flakes:—Supplies for various deliveries; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurements 626-20, opening August 6, and 626-13, opening August 4.
Supplies for various deliveries; Quartermaster Depot, Boston, Mass.; procurement 155-9, opening August 10.

Soap, Powder:—Supplies; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurements 626-13, opening August 4 and 626-20, opening August 6.

Soap, Shaving:—Supplies; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-13, opening August 4.
Supplies for various deliveries; Quartermaster Depot, Boston, Mass.; procurement 155-9, opening August 10.

Soap, Soft:—115,000 pounds; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, O.; circular 35, opening August 9.

Soap, Toilet:—Supplies for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis.; procurement 801-6, opening August 9.
Supplies for various deliveries; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurements 626-20, opening August 6 and 626-13, opening August 4.
Supplies for various deliveries; Quartermaster Depot, Boston, Mass.; procurement 155-9, opening August 10.

Soda, Baking:—2,000 pounds; Quartermaster, Marine Corps, Washington; schedule 94, opening August 4.

Spices:—Supplies for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis; procurement 801-6, opening August 9.
Supplies; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-13, opening August 4.
Supplies for various deliveries; Quartermaster Depot, Boston Mass.; procurements 155-9, opening August 10, and 155-7, opening August 5.
Supplies; Quartermaster, Marine Corps, Washington; schedule 86, opening August 10.

(Continued on page 40)

What You Can Use

Various Materials That Are Suitable for Operating Purposes in Chemical Processing Industries

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One-hundred-eighty-seventh Instalment

Leather

Coloring Agents for Leather

(Continued from July 26 issue)

Brilliant crocein
Brilliant yellow
Bromarin
Brown R
Brown 156, 139, 216
Boneblack
Bordeaux B, extra
Brown DZG
Burgundy 6
Burnt sienna
Burnt umber
Campechene
Carbazol yellow
Carbon black
Carmoisin
Carolina black
Capenol
Casein pigments
3-Chlor-4-acetamidoazobenzenesulphonic acid
2-Chlor-1-aminobenzenesulphonic acid
2-Chlor-4-amino-1-methylbenzene-6-sulphonic acid and resorcinol
2-Chlor-4-amino-4'-ethylamino-3'-methylazobenzenesulphonic acid
3'-Chlor-2':4'-diamino-5-acetethylamido-2-methylazobenzenesulphonic acid
3-Chlor-2:4'diamino-3-acetethylamido-4-methylazobenzenesulphonic acid
4-Chlor-2-nitroazobenzenesulphonic acid
3'-Chlor-2-nitro-4-diaminoazobenzenesulphonic acid
4-Chlor-2-nitro-2':4'-diamino-3'methylazobenzenesulphonic acid
3-Chlor-4-nitro-2':4'-diaminoazobenzenesulphonic acid
3-Chlor-3-nitro-2':4'-diaminoazobenzenesulphonic acid
3-Chlor-3-nitro-6-methoxy-2:4'diaminoazobenzenesulphonic acid
3-Chlor-2-nitro-6-methoxy-2:4-diaminoazobenzenesulphonic acid
3-Chlor-2-nitro-4:2':4'-triaminoazobenzenesulphonic acid
Chrome colors
Chrome violet
Chromiferous azo dyes
Chromium compounds of coupled diazotized aromatic amines with fustic
Chromium compounds of coupled diazotized alkoxyamines with fustic
Chromium compounds of coupled diazotized carboxyamines with fustic
Chromium compounds of coupled diazotized hydroxyamines with fustic
Chromium salts of azo dyes prepared from a diazo compound of orthoaminophenol or a substituted product and metaphenylenediamine
Chromotrope FB
Chrysamine G
Chrysoidin
Chrysophenin
Cloth red G
Congo corinth G
Congo orange
Congo red
Coerulein
Copper compounds of diazo dyes
Copper salts of azo dyes prepared from diazo compound of orthoaminophenol or a substituted product, such as one containing chlorine or nitro groups or both and metaphenylenediamine or its nitro, halogen, or alkyl substituted products
Copper compound of 2-aminophenol-4-sulphonic acid-resorcinol-4-aminoazobenzene-4'-sulphonic acid
Copper compounds of coupled diazotized aromatic orthoalkoxyamine
Copper compounds of coupled diazotized carboxy orthoalkoxyamine
Copper compounds of coupled diazotized hydroxy amines with fustic
Corintron colors
Corintrones
Cotton scarlet extra
Coupled diazotized aromatic orthoalkoxyamines with fustic
Coupled diazotized aromatic orthocarboxyamines with fustic
Coupled diazotized aromatic orthohydroxyamines with fustic
Coupling diazotized aromatic orthoalkoxyamines, with orthocarboxyamines, orthohydroxyamines, with fustic and converting the complex to the copper or chromium compound
Crispin black
Crispin brown
Crispin yellow
Crocein orange
Crocein scarlet 3B, MOO, OO
Cutch brown
Cyanin B
Dark grey-black
Deltapurpurin
Derma brown G
Derma brown R
Dermatol
Derminol
Diamine blue
Diamine fast brown GB.
Diamine red
2:4-Diamino-3-acetethylamido-4:3-dimethylazobenzene-6-sulphonic acid
Diaminoazobenzenesulphonic acid
2:4-Diamino-4'-3-dimethylazobenzene-2:6-azobenzenesulphonic acid
2:2:4'-Diamino-3'-methylazobenzene-4:6-sulphonic acid
Diamond black
Diamond green
Diazo dyes
Diazonium compounds
Diazotized 1-aminobenzeno-4-sulphonic acid coupled with 4'-nitrophenyl-5-hydroxynaphtho-1:2-triazole-7-sulphonic acid
3:4-Dichloroazobenzenesulphonic acid
3-Dihydroxyethylaminobenzenesulphonic acid
1:3-Dihydroxynaphthalene with resorcinol
1:3-Dimethoxybenzene-2:4-dicarboxylic acid with resorcinol
2:4-Dinitroazobenzenesulphonic acid
2:4-Dinitro-2':4'-diaminoazobenzene-3':6'-sulphonic acid
2-Dinitro-3-methyl-4-ethylamino-1:1'-azobenzenesulphonic acid
3-Dinitro-3-methyl-4-ethylamino-1:1'-azobenzene-6'-sulphonic acid
4-Dinitro-3-methyl-4-ethylamino-1:1'-azobenzene-6'-sulphonic acid
2:4-Dinitro-3-methyl-4-ethylamino-1:1'-azobenzene-6'-sulphonic acid
Dioxin
Direct colors
Direct black
Direct blue
Direct brown
Dryte
Duponol WA
Eosin
Erganil
Erie blacks
Erio green extra
Erythrosin
Fast acid blue B
Fast acid violet
Fast blue 2B
Fast brown
Fast green
Fast red
Fast red A
Fast red FG
Fast yellow G
Flexin
Formyl violet S4B
Fuchsin crystals
Fuchsin powder
Gallein
Gallocyanin
Galloflavin
Golden brown
Gray, bluish
Gray, yellowish
Green 151
Green black 15
Helianthene G
Imidocarboquinone
Immedial black V
Immedial blue C
Immedial orange C
Immedial yellow D
Indain blue
Indamine blue
Indian red
Indian yellow
Indies brown 80D
Indigo
Indophenols
Indulin
Lampblack
Leather orange
Leather yellow
Light blue 509
Light green
Luxor
Magenta
Malachite green
Meldola's blue
Metanil yellow
Methyl orange
Methyl violet BS, 2B, 3B to 6 B, RS, 2RS, 3RS, 4RS, 5RS.
Methylene blue D
2-Methoxyazobenzenesulphonic acid
5-Methoxyazobenzene-2:5:4-nitrosulphonic acid
Milling yellow
Monoamino derivatives of azobenzenesulphonic acid
Mordant yellow
Mordant with phosphotungstic acid or salt thereof followed by use of a basic dye
Mordant with phosphomolybdic acid or salt thereof followed by use of a basic dye
Mordant with phosphotungstomolybdic acid or salt thereof followed by use of a basic dye
Mordant with complex heteropoly compound containing molybdenum or tungsten, such as phosphotungstomolybdic acid, followed by a basic dye such as auramine OS. bismarck brown PLS, 1:3-dihydroxybenzenecarboxylic acid, methyl violet
Naphthalene black 12B
Naphthazin

(To be continued)

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Edwin H. Arnold Elected Arnold-Hoffman Treasurer

Edwin H. Arnold—the "Imp of the Perverse" made his surname Hoffman in the July 26 REPORTER—the newly elected first vice-president and treasurer of Arnold Hoffman & Co., chemical distributor, Providence, R. I., is a son of the late Edward E. Arnold, one of the founders of the company. He succeeds in office the late Edward M. Johnson.

Mr. Arnold was born on the Arnold homestead at Greene, R. I., in 1899. He was educated at the Choate School, Wallingford, Conn., and the Massachusetts Institute of Technology. After leaving the institute he was on research in the fixation of atmospheric nitrogen and later had charge of the erection of a plant for synthetic production of anhydrous ammonia in West Virginia.

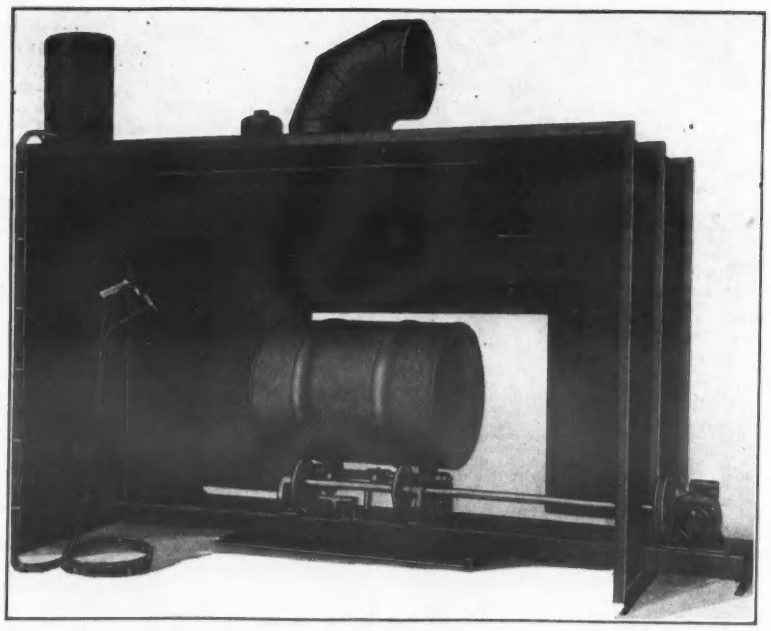
At his father's death in 1925, this research was terminated, and from that time until the present he has been employed as president and director of three water companies and also engineer of the parent company, the New England Water, Light & Power Associates, Providence.

Chemists' Exhibit in London To Be Held September 20-24

The forty-sixth Chemists' Exhibition will be held in the famous Royal Albert Hall, London, S.W. from September 20 to 24. The management is always pleased to welcome members of the drug trade from America and they are admitted on presentation of business card. Solely for the trade, the exhibition presents the latest products and reflects the advances made in the previous 12 months.

Painting Machine for Steel Barrels and Drums

The Eureka Machine Company, Cleveland, Ohio, has put on the market a steel barrel and drum painting machine, pictured herewith, which offers an economical, highspeed method of keeping drums in fresh, good-will-building appearance. It is



speedy and effective as it is simple. The complete equipment consists of the machine, with a cabinet, exhaust fan, pressure tank and spray gun. The machine may be purchased alone, or with any or all of the other units.

Italy Abolishes Committees On Nitrogen, Dye Industries

In line with a new policy, the functions of the Italian Nitrogen Committee and Committee for the Organic Synthetic Dye Industry, created by royal decree laws in August, 1933, and January, 1934, respectively, have been passed over to the corporations, according to information received by the Department of Commerce from the trade commissioner at Rome. The commission for authorizing industrial plants and the nitrogen and dyestuffs committee have been abolished.

As the corporative state takes form, the regime is following up the system of transferring powers vested in special committees and bodies to the respective corporations, and now the power to authorize construction of new industrial plants which had been vested in a special commission is transferred to the respective corporations.

Rossman Forms Fertilizer Firm

James Rossman, formerly president of the Berkshire Chemical Company, an affiliate of the Davison Chemical Corporation, Baltimore, has organized, with William Woodruff, the Woodruff Fertilizer Company, in Orange Center, Conn. Before joining the Davison forces Mr. Rossman represented the chemical firm of Bradley & Baker, Baltimore.

Richfield Oil Corporation of California has elected as directors Harry F. Sinclair, jr.; Herbert R. Straight, and Temple W. Tutwiler, succeeding Richard W. Millar, Francis S. Baer, and Frank R. Coates, resigned.

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Benzyldimethyldodecyl-Ammonium Iodide

Disinfectant

Claimed (Brit. 436725 and 436726) to be—
Bactericide Disinfectant

Insecticide and Fungicide

Claimed (Brit. 436725 and 436726) to be—
Fungicide

Betabutoxyethyl Oleate

Ceramics

Plasticizer (U.S. 2010560) in—
Compositions, containing nitrocellulose and phenol-formaldehyde resins, used as coatings for protecting and decorating ceramic products

Chemical

Plasticizer (U.S. 2010560) for—
Nitrocellulose

Cosmetic

Plasticizer (U.S. 2010560) in—
Nail enamels and lacquers containing nitrocellulose and phenol-formaldehyde resins as base material

Electrical

Plasticizer (U.S. 2010560) in—
Insulating compositions, containing nitrocellulose and phenol-formaldehyde resins, used for covering wire and in electrical machinery and equipment

Glass

Plasticizer (U.S. 2010560) in—
Compositions, containing nitrocellulose and phenol-formaldehyde resins, used in the manufacture of nonscatterable glass and as coatings for protecting and decorating glassware

Glue and Adhesives

Plasticizer (U.S. 2010560) in—
Adhesive compositions containing nitrocellulose and phenol-formaldehyde resins

Leather

Plasticizer (U.S. 2010560) in—
Compositions, containing nitrocellulose and phenol-formaldehyde resins, used in the manufacture of artificial leathers and as coatings for protecting and decorating leathers and leather goods

Metallurgical

Plasticizer (U.S. 2010560) in—
Compositions, containing nitrocellulose and phenol-formaldehyde resins, used as coatings for protecting and decorating metallic articles

Miscellaneous

Plasticizer (U.S. 2010560) in—
Compositions, containing nitrocellulose and phenol-formaldehyde resins, used as coatings for protecting and decorating various products

Paint and Varnish

Plasticizer (U.S. 2010560) in—
Paints, varnishes, lacquers, enamels, and dopes containing nitrocellulose and phenol-formaldehyde resins

Paper

Plasticizer (U.S. 2010560) in—
Compositions, containing nitrocellulose and phenol-formaldehyde resins, used in the manufacture of coated papers and as coatings for protecting and decorating products made of paper or pulp

Photographic

Plasticizer (U.S. 2010560) in making—
Films made from nitrocellulose

Plastics

Plasticizer (U.S. 2010560) in making—
Laminated fiber products
Molded products
Plastics from nitrocellulose and phenol-formaldehyde resins

Resins

Plasticizer (U.S. 2010560) for—
Resin-cellulose derivative compositions and solutions

Rubber

Plasticizer (U.S. 2010560) in—
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Stone

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Compositions, containing nitrocellulose and phenol-formaldehyde resins, used as coatings for decorating and protecting artificial and natural stone

Textile

Plasticizer (U.S. 2010560) in—
Compositions, containing nitrocellulose and phenol-formaldehyde resins, used in the manufacture of coated textile fabrics

Wood

Plasticizer (U.S. 2010560) in—
Compositions, containing nitrocellulose and phenol-formaldehyde resins, used as protective and decorative coatings on woodwork
Plastic compositions, containing nitrocellulose and phenol-formaldehyde resins, used for many filling and repairing purposes on wood

---

Betaethoxyethyl Oleate

Ceramics

Plasticizer (U.S. 2010560) in—
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Chemical

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Nitrocellulose

Cosmetic

Plasticizer (U.S. 2010560) in—
Nail enamels and lacquers containing nitrocellulose and phenol-formaldehyde resins as base material

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Metallurgical

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Compositions, containing nitrocellulose and phenol-formaldehyde resins, used as coatings for protecting and decorating metallic articles

Miscellaneous

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Films made from nitrocellulose

Plastics

Plasticizer (U.S. 2010560) in making—
Laminated fiber products
Molded products
Plastics from nitrocellulose and phenol-formaldehyde resins

Resins

Plasticizer (U.S. 2010560) for—
Resin-cellulose derivative compositions and solutions

Rubber

Plasticizer (U.S. 2010560) in—
Compositions, containing nitrocellulose and phenol-formaldehyde resins, used as coatings for decorating and protecting rubber products

Stone

Plasticizer (U.S. 2010560) in—
Compositions, containing nitrocellulose and phenol-formaldehyde resins, used as coatings for decorating and protecting artificial and natural stone

Textile

Plasticizer (U.S. 2010560) in—
Compositions, containing nitrocellulose and phenol-formaldehyde resins, used in the manufacture of coated textile fabrics

Wood

Plasticizer (U.S. 2010560) in—
Compositions, containing nitrocellulose and phenol-formaldehyde resins, used as protective and decorative coatings on woodwork
Plastic compositions, containing nitrocellulose and phenol-formaldehyde resins, used for many filling and repairing purposes on wood

---

Dimenthyl Malate

Ceramics

Plasticizer (Brit. 432404) in—
Compositions, containing cellulose acetate or other cellulose esters or ethers, used as coatings for protecting and decorating ceramic products

Chemical

Plasticizer (Brit. 432404) for—
Cellulose acetate and other cellulose esters and ethers

Cosmetic

Plasticizer (Brit. 432404) in—
Nail enamels and lacquers containing cellulose acetate or other cellulose esters or ethers as base material

Electrical

Plasticizer (Brit. 432404) in—
Insulating compositions, containing cellulose acetate or other cellulose esters or ethers, used for covering wire and in making electrical machinery and equipment

Glass

Plasticizer (Brit. 432404) in—
Compositions, containing cellulose acetate or other cellulose esters or ethers, used in the manufacture of nonscatterable glass and as coatings for decorating and protecting glassware

Glue and Adhesives

Plasticizer (Brit. 432404) in—
Adhesive compositions containing cellulose acetate or other cellulose esters or ethers

Leather

Plasticizer (Brit. 432404) in—
Compositions, containing cellulose acetate or other cellulose esters or ethers, used in the manufacture of artificial leathers and as coatings for decorating and protecting leathers and leather goods

Metallurgical

Plasticizer (Brit. 432404) in—
Compositions, containing cellulose acetate or other cellulose esters or ethers, used as coatings for protecting and decorating metallic articles

Miscellaneous

Plasticizer (Brit. 432404) in—
Coating compositions, containing cellulose acetate or other cellulose esters or ethers, used for protecting and decorating various articles

Paint and Varnish

Plasticizer (Brit. 432404) in—
Paints, varnishes, lacquers, enamels, and dopes containing cellulose acetate or other cellulose esters or ethers

Paper

Plasticizer (Brit. 432404) in—
Compositions, containing cellulose acetate or other cellulose esters or ethers, used in the manufacture of coated papers and as coatings for decorating and protecting products made of paper or pulp

Photographic

Plasticizer (Brit. 432404) in making—
Films from cellulose acetate or other esters or ethers of cellulose

Plastics

Plasticizer (Brit. 432404) in making—
Laminated fiber products
Molded products
Plastics from or containing cellulose acetate or other cellulose esters or ethers

Resins

Plasticizer (Brit. 432404) in making—
Artificial resins from or containing cellulose acetate or other cellulose esters or ethers

Rubber

Plasticizer (Brit. 432404) in—
Compositions, containing cellulose acetate or other cellulose esters or ethers, used as coatings for protecting and decorating rubber goods

Stone

Plasticizer (Brit. 432404) in—
Compositions, containing cellulose acetate or other cellulose esters or ethers, used as coatings for decorating and protecting artificial and natural stone

Textile

Plasticizer (Brit. 432404) in—
Compositions, containing cellulose acetate or other cellulose esters or ethers, used in the manufacture of coated fabrics

Wood

Plasticizer (Brit. 432404) in—
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Coaltar Chemicals

Further Broadening in Benzol Demand — Toluol and Crude Napthalene Quiet—Xylol and Solvent Naphtha Firm—Heavy Phenol Shipments—Cresylic Acid Stocks in Short Supply

The majority of basic products were active in the market for coaltar products during the week just closed. Benzol buying broadened considerably. Cresylic acid was in short supply. Phenol shipments were equivalent to actual production. Toluol was quiet. Crude Naphthalene was dull. Intermediates and colors moved through an irregular week.

The broadening in buying of benzol could be attributed to an increased seasonal consumption of gasoline, together with inquiries reaching the market from the Far East, as a result of the hostilities betwen China and Japan. In connection with war in the Far East, there was a report in the market last week that a heavy inquiry had been received for nitration toluol. The slack in the automobile business, with producers making plans for shifting to new models, took the edge off the local market for toluol. Creosote oil demand was good. Phenol shipments were equivalent to actual production, producers reporting a substantial backlog. Xylol and solvent naphtha were firm. There was little to report in the intermediate and color market, phthalic anhydride remained as the feature. British foreign trade in intermediate coal-tar products used in the manufacture of dyes (including aniline oil and salt and phenyl-glycine) registered a gain in 1935 when imports totaled 10,906 cwts. as against 10,508 cwts. in 1934 and exports aggregated 19,077 cwts. compared with 17,865 cwts. in the previous year.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
127.2	127.2	127.2	126.4

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol. — Demand for benzol increased considerably during the week just closed. The volume of domestic business was accentuated by inquiries from the Far East, together as a result of the hostilities between China and Japan. The heavy consumption of gasoline, making for a broad call for motor benzol, was also a factor in stimuating the demand side of the market. Sellers reported prices were decidedly firm. A gain of 1.8 points, or 2.2 percent, in steel operations to 84.3 percent of capacity for the week was estimated by the American Iron and Steel Institute. This compared with 72.5 percent in the preceding period and 75 percent a month ago. A year ago operations were at 71.5 percent, while in 1935 the industry was operating at 44 percent of capacity. Pig-iron production in June, according to Iron Age, lost ground because of the strikes, the total for last month being 3,107,506 gross tons against 3,537,231 tons in May, with a decline in the daily rate from 114,104 tons to 103,584, or 9.2 percent. The six months' total was the highest since 1929, amounting to 19,706,593 tons, compared with 21,640,960 in the first half of 1929 and gaining 46.4 percent over the first-half production last year.

Cresol.—An active buying movement was reported in this market again last week. Sellers reported prices were decidedly firm.

Creosote Oil.—Shipments were moving out at an excellent pace throughout the week. Prices ruled steady to firm. The call came from the major railroad systems and other routine consumers. The 31,000,000 cattle and 40,000,000 sheep in Argentina creates a large market for animal dips. These dips are principally used for sheep, although cattle are dipped to a lesser extent. Domestic production of dips has increased to a point where some types formerly imported are now received in much reduced amounts. In 1935 the domestic production amounted to 713,600 liters and 1,000,000 kilograms of arsenical paste and powdered dips, plus 353,950 liters and 125,000 kilograms of fluid dips with a coaltar base. During the same year, 102,720 bars of anti-scab soap also were made. From 1933 to 1935, imports of animal dips declined about 20 percent although they still approximated the annual average for the past several years. The bulk of the prepared animal dips are still supplied by foreign countries, imports in 1935 totalling 7,926,600 kilograms. The United Kingdom continued to be the predominant source of supply having furnished 7,763,400 kilos, and the United States only 133,400.

Cresylic Acid.—Business continued to be transacted on a broad scale throughout the week. Prices were decidedly firm. The call was said to be equivalent to actual consumption. Buying came from the synthetic resin industry and other routine sources.

Naphthalene.—There was a slow demand in evidence for crude napthalene during the week just ended. The buying was typically off-season, with the major consumers covered by contracts. There was little to report in the market for refined naphthalene, demand was dull and prices appeared well sustained.

Phenol.—Shipments were equivalent to actual production, with a substantial volume of business said to be on the books for forward delivery. A decidedly firm tone prevailed. The call came from routine consumers.

Solvent Naphtha.—A heavy demand was reported for water white product; sellers termed prices firm. A fairly good inquiry was noted for high flash naphtha. No change was disclosed in quotations.

Tuluol. — Industrial demand was rather slow during the week, reflecting the letdown in operations in the automobile industry. Prices were unchanged.

Xylol.—There was a fair demand noted for this product. Quotations ruled steady to firm.

Chicago Coaltar Bases

Chicago, July 29.—The market for coaltar bases is holding steady, with demand good, and buying large enough to take care of current supply. Somewhat larger amounts of benzol, etc., are available, with operations on routine basis in the steel industry following recent labor troubles. Inquiries keep coming in fairly well. Ruling prices of representative sellers are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 9½c. to 10½c.; toluol, 30c.; 10-degree xylol, 33c.; solvent naphtha, 30c.; creosote oil, grade 1, 13½c. to 14c.

Coaltar Acids

Anthranilic. — A fair demand was noted for this product. Prices continued to display a firm tone.

Broenner's.—There was little to report in this market, the call was confined to small purchases and quotations ruled firm.

Gamma.—A fair amount of business was transacted in this market for routine demand throughout the week. Quotations were well held.

Salicylic.—This market revealed little change from recent weeks, in that demand continued irregular and prices ruled steady to firm.

Sulphanilic. — Routine interest was noted in this market again last week. Prices were steady.

Tobias.—Although the market was a rather drab affair, with usual consumers covering when needs reached an urgent stage, prices displayed a decidedly firm tone.

Other Intermediates

Alphanaphthol. — Demand continued at a fair pace throughout the week. Prices ruled firm.

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

Anilin Oil.—Business in this product continued on a favorable basis throughout the period under review. Quotations displayed a firm tone.

Benzidin Base.—Although the call was a rather slow affair again last week, sellers were holding to previous prices.

Betanaphthol.—A firm tone was the outstanding feature in this direction, shipments were moving against contracts at a favorable pace.

Dinitrotoluene, Oily. — This market presented little variation from recent weeks, usual buyers were withdrawing fair-sized commitments and quotations ruled firm.

Nitrobenzene.—Regular buyers supplied a fair demand at intervals during the week. A firm tone prevailed.

Orthodichlorobenzene.—A substantial buying movement was registered in this market. Quotations were well sustained.

Paratoluidin.—Shipments were moving to the usual channels of consumption at a good pace during the week. No change was uncovered in quotations.

Phthalic Anhydride.—A firm tone prevailed in this market again last week. Shipments were up to the actual production. Producers reported a substantial volume of business on the books for forward delivery.

Toluidin.—Although the market was a quiet affair at times during the period under survey, sellers reported a firm price tone was in evidence.

Xylidin.—No change was disclosed in this market, with demand being fair and quotations unchanged.

Coaltar Colors

The market for coaltar colors continued quiet during the week just closed. The quiet could be attributed to the seasonal lull in operating schedules in many of the textile and tanning units. Despite the rather slow call, selers reported prices were steady to firm. The market lacked a specific price feature. Mill sales of yarn cloths were below current production, with operations being further curtailed. Forwards of American cotton to domestic mills during the last four weeks totaled 313,000 bales, compared with 436,000 bales in the same period last year. Dyes entering stains notes a fairly good interest at times during the week, and sellers were holding firmly to prices in effect previously.

Mr. and Mrs. Merz to Go to Son's Wedding in Honolulu

August Merz, jr., son of August Merz, vice-president of the Calco Chemical Company and president of the Synthetic Organic Chemical Manufacturers Association, is to be married to Miss Frances M. Huddleson, daughter of Colonel and Mrs. George Huddleson, of Schofield Barracks, Hawaii, in the United States Army chapel in Honolulu, September 16. Mr. and Mrs. Merz, the parents, will journey from their home, in East Orange, N. J., to Honolulu for the event, joining their son in Los Angeles, from which port they will sail September 4.

Miss Huddleson was graduated in 1935 from the University of Arizona, which young Mr. Merz attended in 1934 after graduating from Carteret Academy, Tome School and Cornell University. The young couple will return to the States and make their home in Hanover, N. Mex., where Mr. Merz is a geologist with the Empire Zinc Company.

Koppers Company Completing 205 Becker Type Coke Ovens

Construction of 146 Becker type coke ovens for the Tennessee Coal, Iron & Railway Company, at Birmingham, Ala., is nearing completion by the Koppers Company and it is expected that the ovens will be put into operation within the next few weeks. A new battery of 59 Becker ovens is also nearing completion at the plant of the Inland Steel Company, Indiana Harbor, Ind., and is expected to be producing coke by October.

The Koppers Company was recently given an order for 61 Becker ovens to replace old ovens at the River Rouge plant of the Ford Motor Company at Dearborn, Mich. Installation of 122 ovens at this plant was completed this Spring and will commence production in the latter part of this year.

Petroleum exploration in England has been focused at a new point, regarded as the most promising in Britain, by the starting of drilling by the d'Arcy Exploration Company at Aislaby in Yorkshire.

Canadian Chemists Elect

The Canadian Chemical Association, at its recent convention in Vancouver, eelected the following officers:—President, Dr. R. H. Clark, Vancouver; vice-president, Dr. R. K. Stratford, Sarnia; honorary treasurer, D. Lorimer, Montreal; honorary secretary, G. C. Benson, Toronto.

The Canadian Institute of Chemistry, also meeting in Vancouver, elected the following:—President, Dr. H. E. Bibelow, Mount Allison University, Sackville, N. B.; members of the council to fill five vacancies for Saskatchewan, Dr. T. Thorvaldson, University of Saskatchewan, Saskatoon; for Ontario, Dr. R. K. Stratford, Imperial Oil Co., Sarnia, and Dr. W. H. Martin, University of Toronto; for Quebec, Dr. J. Risi, Laval University, Quebec; for New Brunswick, Dr. F. J. O'Toole, University of New Brunswick, Fredericton.

International Match Assets Auctioned Off at $8,246,000

Affairs of the International Match Corporation, bankrupt since 1932, reached the last stage July 29, when the bulk of its remaining assets was sold in two separate blocks of a total of $8,246,000 at a public sale conducted by Oscar W. Ehrhorn, Federal referee in bankruptcy. The first block of assets was purchased by International Match Realization Corporation, Ltd., for $7,250,000, an increase of $750,000 over the sum it had offered Irving Trust Company, as trustee in bankruptcy. The second block, comprising the controlling interest of Federal Match Corporation and Union Match Corporation, was sold to Irving Reynolds a member of the law firm of Mudge, Stern, Williams & Tucker, for $996,000 after spirited bidding against John J. Bancroft, president of International Match Realization.

Globe Oil & Refining Company, is enlarging its refinery at McPherson, Kans., an additional 3,000 barrels a day, at a cost of approximately $100,000.

James W. Byrnes, of the MacLac Company, shellac bleachers, this city, returned July 22 from a six weeks' tour of Europe. Mr. Byrnes visited all of the important centers and came back refreshed and in excellent health.

Blackstrap Taxation Still an Uncertainty

WASHINGTON, July 29, 1937.

With the pending sugar bill now a major bone of contention in Congress, there is much uncertainty as to the fate of the amendment placing a tax of 3 cents per gallon on blackstrap molasses imported for distillation.

Early in the week it appeared that the deadlock over quota treatment of insular possessions might prevent any action at this session except perhaps a resolution continuing the existing Jones-Costigan law for a year beyond its present expiration date of December 31, 1937. However, President Roosevelt has told congressional leaders that it is very desirable that new sugar legislation be enacted before adjournment, and members of Congress from sugar-producing States have exhibited a determination to prevent adjournment without action. The measure undoubtedly will provide much debate, although major attention will be given to sections other than the one affecting blackstrap.

Merck on Colgate Board

The Colgate-Palmolive-Peet Company reports the election of the following directors:—George W. Merck, president of Merck & Co.; N. F. S. Russell, president of the U. S. Pipe & Foundry Company; and W. Gibson Carey, jr., president of the Yale & Towne Company. Sidney B. Colgate, president of the company, said these selections were made in line with the company's policy, as announced at the annual stockholders meeting, of electing to the company board business men of character and experience, to represent the now large public holding of the company's securities.

Esso Bayonne, first of eight new oil tankers in a $13,000,000 building program of the Standard Oil Company of New Jersey, was launched July 24 at the plant of the Federal Shipbuilding & Drydock Company, at Kearny, N. J.

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CONSTRUCTION MATERIALS AND EQUIPMENT
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Dyestuffs and Textile And Leather Chemicals

Sharp Decline in Corn Derivatives—Annatto and Cochineal Higher —Egg Products Nominal—Bichromates Continue Firm—Zinc Dust Steady—Tanning Materials Quiet—Wattle Bark Strong

Business in the market for dyestuffs and tanstuffs noted a slow demand during the week just closed. The dull character of the call could be explained by the low level of operations in certain consuming industries, reflecting seasonal influences. However, the market noted sharp price revisions in the corn derivatives, annatto and cochineal.

Lowering of prices for corn derivatives resulted from a sharp break in the basic corn market. Early Friday sellers reported the price position for corn derivatives continued weak, for the basic product failed to show an improvement during the period under review. The break in corn derivatives was the sharpest in about ten years, amounting to 55c. per 100 pounds. Reports from the primary market raised prices for annatto and cochineal.

Prices for egg products were strictly nominal, despite the heavy arrivals at New York last week. The nominal price position for both albumen and egg yolk could be attributed to the hostilities between China and Japan, with the hostilities being centered in Tientsin, the point of origin of approximately ninety percent of the egg product shipments. Reports for Tientsin stated that the railway administration offices, warehouses, customs offices and freight yards were smoldering in ruins as a result of a Japanese air raid. Bichromates continued firm. Tanning materials were quiet. Cotton consumption has continued at a high level throughout most of the important cotton consuming countries, the Bureau of Agricultural Economics reported today, but prices have declined materially since mid-July. The lower prices received for cotton were attributed by the Bureau in part to the downward trend in unfilled orders and mill activity in the domestic textile industry. On July 26 prices were lower than for any day since March, 1936. World mill activity and cotton consumption are not expected to show any substantial decrease in the near future. On the other hand, the continued lagging in new orders for cotton goods behind mill production in several countries make the longer-time outlook somewhat uncertain, it was stated.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Annatto seed, ½c. per lb.
Cochineal, 3c. per lb.

Reduced

Dextrin, corn, 55c. per 100 lbs.
Starch, corn, 55c. per 100 lbs.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
154.1	154.1	154.1	152.3

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Chloride.—A fairly good demand was reported for this product at times during the week. Quotations ruled steady to firm.

Antimony Salt.—Although demand lacked improvement during the week, sellers reported consumers were covering for actual wants only. No change was disclosed in quotations.

Potash Bichromate.—A good amount of business was transacted in this market at times during the week, routine consumers supplied the call. No change was uncovered in quotations.

Potash Prussiate.—Business in the market for red prussiate was said to be on a fair scale, and prices were well maintained. The call for yellow prussiate was highly irregular, but sellers were holding to prices in order previously.

Soda Bichromate.—A firm tone was a prominent factor in this market again last week, demand continued along conservative lines. Producers reported a favorable volume of business on the books for delivery during the next month.

Zinc Dust.—A steady tone continued in prominence for this product during the week. Prices ruled unchanged.

Dyestuffs

Annatto.—The market for seed annatto continued to note an irregular call, but sellers reported the market fractionally higher at 7¾c. to 8½c. per pound, and the paste was listed at 34c. to 39c. per pound.

Archil.—A firm tone prevailed in this market against last week. Firmness in the price tone resulted from continuance of a favorable statistical position, as far as supplies on hand were concerned.

Cochineal.—The market for gray cochineal was higher at 35c. to 39c. per pound, and Teneriffe silver was held at 36c. to 40c. per pound, according to quantity. The call was restricted to occasional small quantities.

Fustic.—A firm tone was an outstanding factor in this market again last week. Quotations were unchanged. Demand continued along conservative lines.

Hematine.—Nothing new was uncovered in this market during the week. Prices ruled steady to firm and demand was highly irregular.

Logwood.—Usual consumers supplied a fair demand here during the week. Prices were unchanged.

Madder, Dutch.—Although the market moved through another drab week, as far as demand was concerned, sellers reported quotations were unchanged.

Sizing Materials

Albumen.—Prices for egg albumen were strictly nominal last week. The nominal position of the market could be attributed to the hostilities between China and Japan, and especially the fact that the major portion of the trouble has been centered in Tientsin, where approximately 90 percent of the egg crop is gathered. Cable from abroad stated that quotations were strictly nominal; in fact, some primary market factors were refusing to quote for immediate shipment.

Dextrin.—Prices for corn derivatives declined 55c. per 100 pounds, the lower prices resulting from a sharp break in the basic grain market. And as the week came to a close, sellers reported the market was in a decidedly weak price position.

Egg Yolk.—Nominal prices were noted in this market. The fact that the war hostilities between China and Japan were mainly in Tientsin, where the railway administration buildings, custom offices, freight yards and warehouses were smoldering ruins as a result of a Japanese air raid, primary market producers were inclined to forestall quoting definite prices for shipments.

Frozen Eggs.—The market on the New York Produce Exchange was dull. August whole mixed futures closed on Friday at 17.35c. asked; September 17.50c. asked; December 17.75c. asked.

Starch.—A decline of 55c. per 100 pounds in the corn derivatives was noted here, reflecting a severe break in basic grain prices. The market was said to be weak for the basic material failed to show improvement during the latter part of the week. In the Ohio valley progress and condition of corn were good to excellent with half to all tasselled and some silky. In Missouri good progress was made, with many fields silking and early in the roasting ear stage. Condition varies from very good to excellent, though some fields are only fair. In Kansas top soil moisture is believed sufficient for the summer growth of corn except in some parts of the west, while in the eastern third the crop is mostly tasselled, with some in roasting ears. Condition is fair to very good in the eastern two-thirds of this state, but poor to fair in the western third. In the northern great plains, progress varies according to moisture conditions, being very good in Nebraska while only little was made in South Dakota. In Iowa corn made fair to good growth. The crop is tasselled and silky in the south and west, but with scattered curling and rolling were reported in the northeast, and rain would be helpful.

Tanning Materials

Divi-Divi.—Demand lacked snap during the week and prices were strictly nominal.

Gambier.—This market revealed betterment in the course of the period under review, the call for common material, as well as for Plantation and Singapore cubes, was confined to immediate wants only. No change was disclosed in quotations.

Mangrove Bark.—Although the demand side of the market noted a highly irregular trend during the week, sellers reported prices displayed a decidedly firm.

Myrobalans.—This situation was much the same as in the preceding period, routine consumers were purchasing in a conservative manner and prices ruled unchanged.

Sumac.—This market continued to note an irregular call throughout the week, prices for ground and leaf sumac were in conformity with the schedule of prices in effect previously.

Valonia.—Prices were firm at $46 per ton for beards and cups were priced at $33.50 per ton. Demand continued along irregular lines.

Wattle Bark.—A decidedly firm tone prevailed in this market during the week. Quotations were unchanged. The firmness in the price structure and generally improved position of the market over recent months could be attributed to the grading and standardization of the product which was placed in effect recently.

Dyeing Operators Adopt Trade Practice Code

(Continued from page 5)

understood the commission, after giving its approval of the rules, which it is expected to do within thirty days, will circularize the entire industry for final approval. If this is forthcoming the rules will be declared effective, and for the first time the industry will have a definite means of stabilizing itself. The Federal officials invited all persons interested to file briefs submitting further views and suggesting any changes.

To police the industry, when the new rules are operative, the following committee was appointed:—E. G. Alberque, Passaic, representing the Passaic Piece Dye Works; Bert Allen, Paterson, for the Gaede Silk Dyeing Company; Jack Illingsworth, of the Delawanna Waldrch Bleachery; C. Dimick and Al Bohny, Paterson, Modern Central Piece Dyeing Company.

The movement which resulted in the hearing was initiated by the Paterson Industrial Commission to combat the ills of the dyeing industry, much of which is centered in Paterson and the Passaic river valley. Charles H. Roemer, president of the commission, opened the session, and George McCorkle, director of the trade practice conference of the Federal Trade Commission, presided over the discussions.

Dean Heebner Retiring

Dr. Charles F. Heebner, F.C.I.C., has resigned as dean of the Ontario College of Pharmacy, on advice of his physician. He will be succeeded by Professor R. O. Hurst. Dr. Heebner was born in Lee, Mass., in 1859, and was graduated from Columbia College, New York. He was the first man to receive the degree of bachelor of pharmacy from the University of Toronto, and for some time was associate professor in the faculty of medicine of that university. He has trained literally thousands of students in his almost half-century as professor of phamraceutical chemistry.

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MINES IN NEW CALEDONIA

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Paint, Varnish, Lacquer Materials

Turpentine Down to New Low Price for This Season — Trade Continues to Show Full Dullness of Summer Period —Hardwood Pitch Higher

Price movements and buying orders were both sparsely distributed in the market for paint, varnish and lacquer chemicals last week. The decline in turpentine to its lowest point of the season was the outstanding price development of the week. Other changes included an advance in Singapore Manila dust and in Loba dust in the natural resin group. Hardwood pitch for the rubber tire makers was higher in price and scarce.

Virtually every supplier of paint, varnish and lacquer chemicals interviewed last week felt the effects of the usual dullness of the Summer period. Carbon black deliveries into Akron have slowed down but most of the suppliers of that commodity expected a revival of active buying within ten or fifteen days.

Southern and local markets for rosin and turpentine were quiet last week. Turpentine declined to a new low price level for the season, but changes much of the time were within rather narrow limits. Export business in rosin was quiet, but large shipments to foreign destinations were said to be impending on orders previously placed. Marketing continued on a liberal scale as weather conditions were favorable for operations in the woods.

The Director of Procurement of the United States Treasury Department has approved revised specifications (TT-P-51a) for ready mixed and semi-paste eggshell-flat-finish interior oil paints in light tints and white. Copies of the new specifications may be obtained at 5 cents each from the Superintendent of Documents, Government Printing Office, Washington.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Gum, copal, Manila, Loba dust, ½c. per lb.
Singapore dust, ½c. per lb.
Hardwood pitch, car lots, $2.25 per ton.

Reduced

Rosin, gum, 5c. per 280 lbs.
Turpentine, gum, ¼c. per gal.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
133.4	133.4	133.4	129.9

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

Pig lead was a quiet metal last week. The market was uneventful with mild demands and unchanged prices. The sellers quoted 5.85c. per pound at East St. Louis and 6c. to 6.05c. per pound at New York. World's lead output in June totaled 147,157 tons against 157,930 tons in May, according to the American Bureau of Metal Statistics. United States production in June was 37,321 tons against 40,192 tons in the preceding month. For the six months ended June, world output was 893,804 tons and United States production was 239,052 tons.

Zinc was also quiet and there was no change in prices here. The East St. Louis market was named at 7c. per pound, the figure that has been holding for the past few weeks. June zinc production throughout the world was 155,440 tons against 163,006 tons in May. The output in United States totaled 50,526 tons in June against 55,012 tons in the preceding month.

Lead.—Prevailing spot prices at New York, East St. Louis, and London for the period from July 24 to July 30, inclusive were as follows:—

	Pigs		Spot. London.
	Per pound		Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0600@.0605	$0.0585	.. .. ..
Monday	.0600@.0605	.0585	23 7 6
Tuesday	.0600@.0605	.0585	22 16 3
Wednesday	.0600@.0605	.0585	22 16 0
Thursday	.0600@0605	.0585	22 13 9
Friday	.0600@0605	.0585	22 17 6

Zinc.—Prevailing spot prices at New York, East St. Louis, and London for the period from July 24 to July 30, inclusive were as follows:—

	Slabs		Spot. London.
	Per pound		Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0735	$0.0700	.. .. ..
Monday	.0735	.0700	22 11 3
Tuesday	.0735	.0700	22 10 0
Wednesday	.0735	.0700	22 15 0
Thursday	.0735	.0700	22 13 9
Friday	.0735	.0700	23 0 0

Pigments

Although most of the supplying factors in the market for pigment materials felt the full effects of the dullness of the Summer months, a prominent executive of a leading supplier of lead products told the press last week that July business for his company as a whole was better than last year. The type of pigment business reported in most houses last week was that of small-sized scattering orders. Prices continued unchanged and have held steady since the shifts that were made at the beginning of last month.

White Lead.—Most of the suppliers interviewed last week reported a dull and drifting situation. Orders were for small lots and were widely scattered. The usual dull effects of the Summer months were not expected to lift until the latter part of the month. Prices for basic carbonate and sulphate material were unchanged.

Red Lead.—With pig lead having held a steady position since April, there has been no change in the market status for this derivative. The demands from the better trade were mildly active while other lines of consuming activity were quiet.

Litharge.—In company with red lead and other oxides of the metal, there has been no change in the structure of prices since last April. There has been an extended period of price steadiness in the market and that condition was still in evidence as last week drew to a close. The demand side of the market has not been very active for the past forty days.

Lithopone.—There was a mild call for deliveries against contracts, but the trading was very spotty and the aggregate of material delivered out of local manufacturing plants for the week did not exceed the usual amounts for a week in the mid-Summer period. Latest reports from the Chicago area also indicated a slow and dragging market. The prices have been holding steady since the increase in ordinary and high-strength pigments in the latter part of June.

Titanium Pigments.—The market has been without feature since the increase in the price of compound pigments a few weeks back. The demand side of the market was moderately active, with some sellers reporting a better maintenance of business than had been expected.

Zinc Oxide.—This group of pigments has also been free from events of importance since the shift in some of the prices a few weeks back. The tire manufacturers' demands have dwindled within the past three weeks, but the trade expects a revival of replacement buying within about ten days. Paint manufacturers' demands were lights, also.

Fillers and Extenders

Inert pigments, mineral whites and other commodities included in this classification were marked by the dullness that was evident in the opaque pigments division. The week was a typical period of Summer trading and business was constituted almost wholly by hand-

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

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IT'S A QUALITY BLACK IF IT'S IMPERIAL

to-mouth operations. Prices were lacking in special feature, except in the case of hardwood pitch which was tight and stronger in price.

Hardwood Pitch. — Additional information came to hand since last reports. The quotations for car lots delivered at Akron were now $23.75 to $24 per ton. The entire production of one supplier has been committed on contract for the balance of the year at prices within a range of $21.50 to $22.50 per ton, delivered in Akron. Another is using its entire production in its own manufacturing process. There has been an added inquiry for material for export and some foreign business was understood to have been responsible for the present shortage. Opinion on the market's future is divided, with some expecting an advance in price very soon and others reporting that the current shortage appeared temporary and was not of a nature to merit additional manufacturing at other producing points.

Tripoli.—There has been no change in the position of the market since last reports. According to local sellers there has not been much interest in the market during the recent past. Prices on air-floats, single ground and double ground were unchanged.

Dry Colors

The color market was enveloped by quiet last week. With very few exceptions, most of the houses in the trade reported a dull and colorless week. Carbon black deliveries were light and expected to continue so over the next ten days. Prices for earth and chemical colors continued in a generally steady position and there were no changes reported during the week.

Carbon Black. — The deliveries of black into Akron and other tire producing centers were light but were expected to resume normal proportions within the next ten days. Paint and ink makers' purchases against contracts were also light. Prices continued firm.

Chrome Yellow.—The market seemed steady and has been without price change for some months now. The demands of the market were moderate.

Iron Blues.—These materials held in a steady position but the calls for replacement supplies by the manufacturing consumers were reported as having been small.

Ocher.—The market for French grades held steady and there has been no change in prices since the beginning of last month when increased ocean freight rates forced a rise in prices. July business was light as the buyers had anticipated the increase.

Vermilion.—The reduction of a week ago was not extended and the quicksilver derivative remained at $1.75 per pound for 500-pound lots and $1.76 to $1.84 per pound for smaller lots.

Varnish Gums

The demand for natural resins continued in small and spotty fashion last week. The varnish makers were apparently not interested in anticipating their wants and the importers' efforts to book contracts for delivery from the replacement market were not productive of much of a response. There was a small amount of spot trading done.

Copals.—Singapore Manila dust advanced ⅛c. per pound last week to the basis of 6⅝c. per pound for carload lots with usual differentials for 10 package lots and smaller quantities. The price of Loba dust also moved up to 6⅝c. per pound, representing an advance of ½c. per pound. This figure was also for car lot amounts.

Dammars.—Steadiness continued in the market for Batavia and Singapore gums and there were no changes reported from the primary market last week. The demand side of the market was quiet last week.

Synthetic Resins

Paracoumarone-indene resins held a steady position and there has been no change in the prices of these materials since last reports. Contract withdrawals and spot purchases were active. Modified and 100 percent phenolics were without shift and there were no changes reported in the alkyd type resins.

Naval Stores

In the absence of anything stimulating in the way of market news from primary centers last week business here in rosin and turpentine continued quiet much of the time. Price movements in the South were generally within narrow limits. At one time turpentine established a new low for the season, but this abnormally low price failed to attract buyers so far as the open market was concerned, though there were reports to the effect that a fair volume of business in tankcars had been closed. Some of the recent purchasing was said to have been for account of co-operative trade organizations, but the transactions were not of an aggressive character. The failure of demand to expand at the prevailing low price was attributed by some to the continuing labor troubles and the consequent slowing down of construction in various parts of the country. There were reports of some improvement in the export inquiry, but the volume of business closed was apparently not of much importance.

Advices from primary centers were to the effect that large clearances of rosin for foreign destinations will probably be witnessed in the near future, but new export business last week was reported as quiet. Domestic takings in Southern markets were also rather light much of the time, although consumption in some lines is said to have increased recently. Receipts of rosin and turpentine in primary markets last week were liberal, weather conditions being favorable much of the time for production and marketing.

Exports of liquid rosin from Sweden have steadily increased in recent years, according to consular advices from Stockholm, the shipments in 1936 amounting to 12,702 metric tons, as compared with 8,418 tons in the previous year, 6,676 tons in 1934 and 5,171 tons in 1933. As a result of favorable weather conditions in Mexico during June production of naval stores showed an increase over the previous month. Turpentine shipments to the United States were 40,000 gallons. Rosin sales included 75 tons to the Netherlands. Stocks at Durango at the close of June were estimated at 32,000 gallons of turpentine and 575 metric tons of rosin.

Turpentine.—The Savannah price declined to a new low point for the season, but price movements during the week were generally within a comparatively narrow range and the prevailing tone in the South was reported as steady. Although receipts were liberal, daily offerings in primary centers were rather light. Here purchasing was along the same rather narrow lines witnessed in recent preceding weeks, the movement of small or moderate quantities in the aggregate apparently being unimportant.

SAVANNAH, July 30.—Turpentine quiet and steady. Following is a record of the market for the week:—

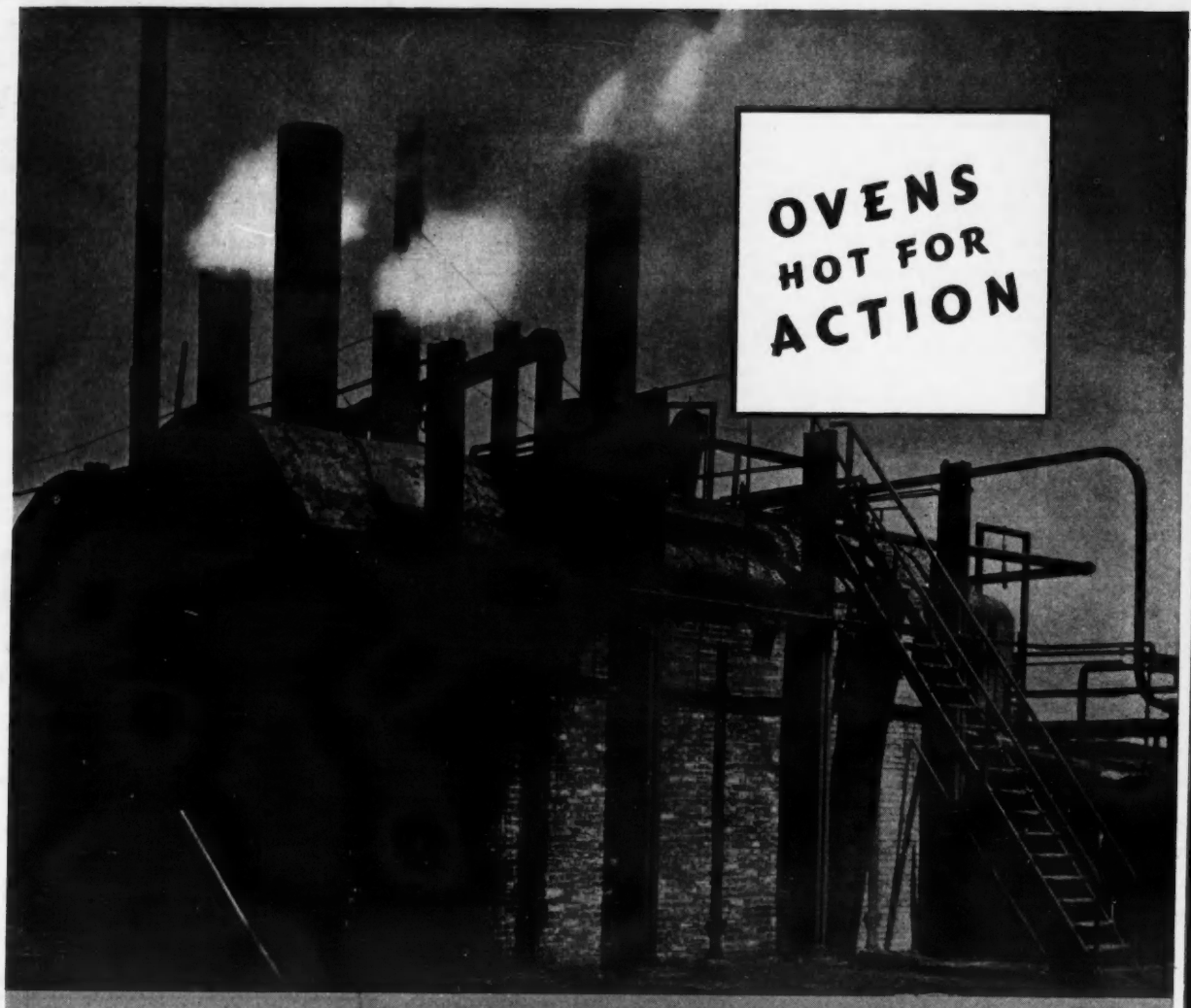
	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
Saturday....	32¾	235	517	203	33,289
Monday.....	32¼	52	507	23	33,773
Tuesday....	32⅛	64	711	150	34,334
Wednesday..	32¾	159	575	27	34,882
Thursday ..	32⅞	167	375	25	35,232
Friday	33	214	569	3,565	33,326

JACKSONVILLE, July 30.—The turpentine market had a steady tone. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
Saturday....	33	213	317	...	31,206
Monday.....	32½	76	439	...	31,645
Tuesday....	32¼	...	317	1	31,961
Wednesday..	32¾	144	212	4	32,169
Thursday ..	32¾	121	326	...	32,495
Friday	33	86	379	900	31,974

CHICAGO, July 30.—Both wholesale and retail trade in turpentine have shown some additional slowing. Ruling prices at the close of business last night were:—Five-drum lots, 43c. per gallon; five wood barrels, 48c.; single drums, 46c.; single barrels, 51c.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7



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PENSACOLA, July 24.—The turpentine market was steady. Following is a record of the market for the week:—

	Barrels		
	Receipts.	Shipments.	Stocks.
Monday	275	...	19,227
Tuesday	164	394	18,997
Wednesday	147	80	19,064
Thursday	178	77	19,165
Friday	193	...	19,358
Saturday	153	...	19,511

LONDON, July 30.—Quotations on turpentine were as follows:—

	Per cwt. In bbls. s.	d.
Saturday	36	0
Monday	36	0
Tuesday	36	0
Wednesday	36	0
Thursday	36	0
Friday	36	0

Stocks of American turpentine in London were:—

	July 30.	Previous week.	Last year.
Barrels	13,007	13,219	9,968

Rosin.—Quiet conditions prevailed much of the time in the local market last week, such transactions as were reported being limited to comparatively small or moderate quantities. Prices moved within a rather narrow range in company with developments in primary centers where the tone was reported as steady or firm. New export business was quiet in the South but there were reports to the effect that large shipments to foreign destinations are impending on contracts previously placed. Weather conditions were generally favorable for operations in the woods, but daily offerings in primary markets were rather moderate.

SAVANNAH, July 30.—Rosin offerings were moderate and the market had a steady tone. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$7.80	$7.80	$7.80	$7.75	$7.82½	$7.80
D	7.85	7.80	7.80	7.75	7.82½	7.80
E	7.85	7.85	7.80	7.75	7.82½	7.80
F	7.85	7.85	7.80	7.75	7.82½	7.80
G	7.85	7.85	7.80	7.75	7.82½	7.80
H	7.85	7.85	7.80	7.75	7.82½	7.80
I	7.85	7.85	7.80	7.75	7.82½	7.80
K	7.85	7.85	7.80	7.77½	7.82½	7.80
M	7.85	7.85	7.80	7.80	7.82½	7.80
N	7.85	7.85	7.80	7.80	7.82½	7.85
WG	7.87½	7.85	7.80	7.82½	7.90	7.90
WW	8.65	8.65	8.60	8.65	8.75	8.65
X	8.65	8.65	8.60	8.65	8.75	8.70

	Barrels					
Sales	458	322	1,063	977	442	650
Receipts	1,640	1,887	4,373	3,061	1,952	3,177
Shipments	4,026	1,910	2,360	125	3,527	2,311
Stocks	69,063	69,040	71,053	73,089	72,414	73,820

JACKSONVILLE, July 30.—Changes in rosin quotations were generally narrow. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$7.85	$7.75	$7.75	$7.75	$7.75	$7.75
D	7.85	7.75	7.75	7.75	7.75	7.75
E	7.85	7.75	7.75	7.75	7.80	7.80
F	7.85	7.77½	7.75	7.75	7.80	7.80
G	7.85	7.77½	7.75	7.75	7.80	7.80
H	7.85	7.77½	7.75	7.75	7.80	7.80
I	7.85	7.77½	7.75	7.75	7.80	7.80
K	7.85	7.77½	7.75	7.75	7.80	7.80
M	7.85	7.77½	7.75	7.75	7.80	7.80
N	7.85	7.80	7.75	7.75	7.80	7.82½
WG	7.87½	7.82½	7.75	7.77½	7.80	7.85
WW	8.65	8.55	8.55	8.55	8.60	8.60
X	8.65	8.65	8.55	8.55	8.60	8.60

	Barrels					
Sales	622	766	556	478	506	422
Receipts	955	1,282	1,157	1,119	878	1,830
Shipments	...	50	290	2	...	1,078
Stocks	29,593	30,825	31,692	32,809	33,687	33,839

PENSACOLA, July 30.—The rosin market was quiet. Following is a record of the market for the week:—

	Barrels					
	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	817	507	432	612	509	525
Shipments	230	975	375	...	100	...
Stocks	26,509	26,041	26,008	26,710	27,119	27,644

CHICAGO, July 30.—Business in the rosin market has shown some slowing down. Hot weather seems to have affected the business in the naval stores generally. Ruling prices at the close of business last night were:—B grade, $10.80 per lot of 280 pounds; G grade, $10.80; M grade, $10.80; W.W. grade, $11.60.

LONDON, July 30.—Quotations on American rosin were as follows:—

	Per cwt. in barrels— Common. s.	d.	W.W. s.	d.
Saturday	19	6	21	9
Monday	19	6	21	9
Tuesday	19	6	21	9
Wednesday	19	6	21	9
Thursday	19	6	21	9
Friday	19	6	21	9

Pine Oil.—The market was quieter so far as new business was concerned, but consumption for some time past has been on a sufficient scale to prevent any accumulation of supplies on spot, and the market remained firm.

Pitch.—A steady tone prevailed, quotations generally being held at previous levels. There was a fair movement into consuming channels on contracts and transient orders.

Rosin Oil.—There was little change in the character of business last week. consumers as a rule being disposed to limit their takings to comparatively small quantities. The market was steady.

Tar.—Conditions remained as noted in the previous week, quotations being stationary, with the takings by local and other consumers of seasonal proportions.

Shellac

Prices on shellac underwent fractional improvement in London and Calcutta last week without the gain in values finding reflection in quotations for spot goods. Reports in this market indicated a generally slow movement of orders and signs of early expansion in sales volume were not clearly to be seen. Deliveries against existing contracts were not being accepted with the degree of promptness desirable to sellers and indicative of a sound undertone to trade generally. Quotations seemed to be reasonably steady on spot, mainly because of the total lack of weakness in the foreign markets.

London, July 30.—London quotations basis of sterling exchange at $4.88, for shellac for later delivery have been as follows:—

	July 30 Shillings. Cwt.	Cents. lb.	July 23 Shillings. Cwt.	Cents. lb.
August	45½	9.9	45½	9.9
October	46½	10.1	46½	10.1

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day closing prices were as follows:—

	Per hundredweight— August.	October.
July 23	45s 6d	46s 6d
July 24	No cables	
July 26	45s ..	46s ..
July 27	45s ..	46s ..
July 28	45s ..	46s ..
July 29	45s ..	46s ..
July 30	45s ..	46s ..

Calcutta, July 30.—Prices quoted on pure T. N. c.&f. New York, basis of sterling exchange at $4.88, were as follows:—

	Per pound— July 30.	July 23.
August	9⅝c	9⅝c

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day prices were as follows:—

	Per pound.
July 23	9⅝c
July 24	No cables
July 26	9⅝c
July 27	9⅝c
July 28	9⅝c
July 29	9⅝c
July 30	9⅝c

Lacquer Materials

The market for lacquer materials continued quiet during the week just closed. Manufacturing consumers were ordering out supplies commensurate with actual production requirements. Reports from the automobile industry continued to tell of the lower production, reflecting the changing-over of assembly lines to 1938 models. The market was without a price feature. Acetone demand was fair and butyl alcohol was irregular. Prices in both instances appeared well sustained. Usual buyers supplied a fair demand for nitrocellulose, and prices were regarded as steady to firm.

Acetone.—A fair demand was noted in this market again last week. Prices ruled unchanged.

Butyl Alcohol.—Demand held up fairly well throughout the week. Prices were well sustained.

Cellulose Acetate.—A fair amount of business was noted here. Prices were steady to firm. Production of sheets, rods and tubes in June totaled 1,112,603 pounds, making a total for the first six months of 7,437,600 pounds, against 5,514,139 pounds in the same period last year. Shipments in June totaled 1,042,937 pounds, making the first six months total 7,358,124 pounds, against 5,285,491 pounds in the same period last year.

Nitrocellulose. — Business continued irregular. Quotations were steady. According to the Department of Commerce the production of sheets for the first six months totaled 7,904,550 pounds; rods, 1,910,929 pounds, and tubes, 524,733 pounds. This compares with a 1936 sheet production in the first six months of 6,048,122 pounds; rods, 1,227,190 pounds, and tubes, 386,773 pounds. Shipments of sheets in the first six months totaled 7,220,475 pounds; rods, 1,907,650 pounds, and tubes, 524,733 pounds. The 1936 shipments of sheets in the first six months totaled 5,903,872 pounds; rods, 1,222,872 pounds, and tubes, 325,215 pounds.

Pyroxylin Waste.—Demand continued irregular during the week. Quotations were steady. Germany's production of celluloid has been gaining considerably in recent times due to increased sales in both the domestic and foreign markets. One of the leading German producers reports heavy gains in 1936 in its production of collodion

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

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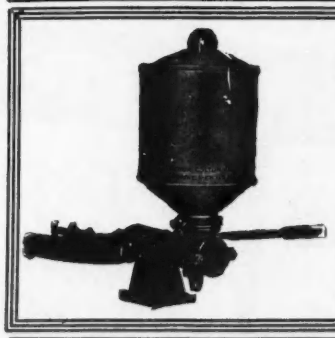
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Offices and Agents In Principal Cities
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"SUCO"
Ultramarine Blues
Alkali Blue Toners
Methyl Violet Toners
Blanc Fixe
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STANDARD ULTRAMARINE COMPANY
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cotton for manufacturing "celluloid" as well as for lacquers, artificial leather and film. Increased production of collodion cotton was also stimulated by its replacement of imported products by consuming industries. The company's exports of celluloid increased by 24 percent in volume in 1936, but prices were unsatisfactory. Another firm also reports marked gains in 1936 in its production of "celluloid," as well as other plastic materials. Production in 1936 totaled 2,317 tons, against 1,824 tons in 1935 and 1,489 tons in 1934. Total for the first four months of 1937 was 1,010 tons, compared with 715 tons in the same period of 1936.

Driers

Metallic soaps and drier materials were also enveloped by the quiet that surrounded the general market for paint, varnish and lacquer chemicals. The movement of stearates, palmitates, resinates and oleates was very spotty and the buyers were not prone to order beyond immediate needs. Prices were without change throughout the list.

Glues and Binders

Casein.—The market showed little change last week. General market quotations continued at 13c. and higher for 20-30 mesh in car lots, delivered, and 13½c. and higher for 80-100 mesh in similar quantities. On the other hand there were some quotations at 12¾c. per pound but there were only occasionally noted in the Eastern seaboard market and were principally centered in the West. The production continued to undergo normal decline. There was no interest or change in Argentine.

Glues.—There have been no new developments in the market since the reduction in prices for hide glues by one producer a week ago and by another producer a fortnight ago. Generally, the market was quiet.

Bids Wanted

(Continued from page 32C)

Talcum Powder:—Supplies; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-13, opening August 4.

Tar Prime:—8,000 gallons; State Procurement Officer, Treasury Department, Atlanta, Ga.; procurement 5717, opening August 5.

Tooth Brushes:—Supplies for various deliveries; Quartermaster Depot, Boston, Mass.; procurement 155-9, opening August 10.

Tooth Paste:—Supplies for various deliveries; Quartermaster Depot, Boston, Mass.; procurement 155-9, opening August 10.

Tooth Powder:—Supplies for various deliveries; Quartermaster Depot, Boston, Mass.; procurement 155-9, opening August 10.

Washing Powder:—Supplies; Quartermaster Supply Officer; Army Base, Brooklyn, N. Y.; procurement 626-13, opening August 4.

Supplies for various deliveries; Quartermaster Depot, Boston, Mass.; procurement 155-9, opening August 10.

White Lead in Oil:—1,375 pounds; Commanding Officer, Rock Island, Arsenal, Ill.; circular 38, opening August 6.

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Titanium Pigment Co. Elects C. F. Garasche

(Continued from page 4)

Company. Last year, when the Titanium Company's corporate name was changed, Mr. Garasché continued as vice-president and director and was appointed assistant manager of the Titanium Division of the National Lead Company.

Mr. Hagar has been associated with Titanium for sixteen years. He is fifty years old, a native of Weybridge, Vt., and received his education at Middlebury College and Syracuse University. Mr. Hagar's first association with the paint industry was in the shops of the

Photo by Chidnoff.

Ivan D. Hagar

Union Pacific Railroad where he was employed as a chemist testing paints and varnishes. Later he joined with the Mound City Paint & Color Company of St. Louis and also spent some time in Mexico with the Cementos Hidalgo S. A. cement factors. Mr. Hagar has been in several sales executive capacities with the Titanium Pigment organization and was elected a director of the company last year. He is a member of the Masonic order and is also a member of the American Chemical Society; American Society for Testing Materials; New York Sales Managers Club; and the Downtown Athletic Club.

Air Reduction Changes Executive Personnel

At a recent meeting of the board of directors of the Air Reduction Company, changes were made in the official organization of the company and the necessary amendments to the by-laws were passed to conform with such changes.

F. D. Adams, formerly chairman of the board, was elected chairman of the executive committee.

C. E. Adams, formerly president, was elected chairman, continuing to have general charge, control and supervision of all the business and operations of the company.

A. R. Ludlow, formerly first vice president, was elected vice chairman.

C. S. Munson, formerly vice president, was elected president.

C. D. W. Gibson, formerly assistant vice president, was elected vice president in charge of sales.

W. C. Keeley, formerly assistant vice president, was elected vice president.

Other officers remain as heretofore.

Insecticide Firm Is Formed By British Chemical Group

An important private company has just been registered in London under the name of Plant Protection. Its object is to control the horticultural interests of Imperial Chemical Industries, Cooper, McDougall and Robertson, and Abol, and it will become an important manufacturer of insecticides, fungicides and allied products. The program of research already planned will benefit agriculturists and horticulturists in all countries in their war against diseases and pests.

Research work will be carried out at the entomological and mycological research station of Imperial Chemical Industries at Jealott's Hill and at the Cooper, McDougall and Robertson Research Station at Yalding. No product will be recommended until it has been thoroughly tested at these stations.

J. G. Nicholson is chairman and T. A. Robertson managing director. There are six other members of the board.

Foreign Trade Openings

Correspondence in regard to any of the following foreign trade opportunities should be addressed to the Bureau of Foreign and Domestic Commerce, or to any district or cooperative branch office of the bureau, and not to this publication. When writing, give the number of the item:—

Coaltar Intermediates:—Purchase, Athens, Greece (3696).

Pharmaceuticals and Perfumes:—Agency, Mexico City, Mexico (3713).

Superphosphate Concentrated, Sulphate of Potash, and Ammonium Perchlorate:—Purchase, Athens, Greece (3696).

Dr. J. D. Rue, of the Hooker Electrochemical Company, read a paper on "Recent Trends in Pulp Bleaching," and W. S. Kirkpatrick, of the Consodidated Mining & Smelting Company, outlined developments in the utilization of by-products, at the joint convention of the Pacific Coast Division, American Pulp and Paper Mills' Superintendents Association, and the Pacific section, Technical Association Pulp and Paper Industry, held in Vancouver.

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Oils, Fats and Waxes

Whale and Sperm Oils Reduced by Refiners—Chinawood Weaker Abroad and Here—Coconut and Babassu Lower—Cottonseed Oil Futures Quiet and Easier—Tallow Steady

The trend of quotations on miscellaneous oils, fats and greases was downward last week, the reactionary drift apparently being attributable mainly to a slowing down of demand. In some cases the inquiry continued to be reported as fairly active, but in other quarters buying interest slackened very noticeably. The action of the markets for cottonseed oil futures, lard and corn had a tendency to make consumers of other commodities inclined to curtail purchases and await further developments. Reports in regard to the progress of the cotton and corn crops continued very favorable, and the indications were said to point to an increase in supplies of cottonseed oil in China and Egypt, present prospects being for record breaking yields of cotton in those countries. Although supplies of many oils and fats were reported as comparatively small, there was sufficient increase in competition among sellers to cause shading of quotations on various products.

A development of interest was a reduction of chinawood oil prices, the serious political situation abroad being offset for the time being at least by a falling off in demand. Perilla, oiticica, coconut and babassu oils were also quiet and easier. Rapeseed oil continued firm owing to scarcity on spot and the abnormally high replacement cost. Tallow was quieter, but there was no increase in offerings and the market remained steady at the recent advance. Trading in tallow futures was also less active. Changes in cash lard prices were within comparatively narow limits in the absence of wide fluctuations in futures in the West, where speculative operations were on a smaller scale than in the previous week. Stearin was advanced slightly. Stearic acid and red oil were fairly active and steady. Quotations on fish oils were revised downward by refiners.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Carnauba wax, No. 3 chalky, ¼c. per lb.
Stearin, oleo, ¼c. per lb.
Teaseed, crude, ½c. per lb.

Reduced

Babassu oil, ¼c. per lb.
Carnauba wax, No. 3 North Country, ¼c. per lb.
No. 1 yellow, 1½c. per lb.
No. 2 yellow, 1c. per lb.
refined, ¾c. per lb.
Chinawood oil, ¼c. to ½c. per lb.
Coconut oil, ¼c per lb.
Copra, 1-10c. per lb.
Cottonseed oil, edible, ½c. per lb.
Lard, Western, 10c. per 100 lbs.
Menhaden oil, refined, ¼c. to ½c. per lb.
Oiticica oil, ½c. per lb.
Perilla oil, ¼c. per lb.
Sardine oil, crude, 1c. per gal.
Sardine oil, refined, ¼c. per lb.
Sperm oil, refined, 4-10c. per lb.
Whale oil, refined, 4-10c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
135.8	137.2	136.2	130.2

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Babassu. — Demand slackened last week and the market was easier, 8¼c. per pound being quoted for tankcars as compared with 8½c. in the previous week.

Chinawood.—An easier tone developed in local and Pacific coast markets last week. This was a reflection of the course of prices at Hankow, where demand from foreign buyers was apparently checked by the recent advance. Business in domestic markets was also quieter and competition among importers and dealers was somewhat keener, although there did not seem to be any great pressure of offerings, political conditions in China having a tendency to make sellers cautious. Business was reported to have been closed here at one time at around 11.8c. per pound in tankcars, though higher views prevailed in some selling quarters.

Coconut.—Crude was easier here and on the Pacific coast. In the local market 5¼c. per pound was quoted for October forward in tankcars as compared with 5½c. per pound in the previous week. There were few transactions reported, consumers being inclined to hold off for further developments in the Far Eastern market for copra and oil as well as in other oils and fats here. Copra was easier, although, according to some, there was little available for early delivery. Edible oil was also easier, quotations being reduced ¼c. per pound by refiners.

Cottonseed.—Edible oil was reduced ⅛c. per pound by refiners. Business was of a routine character. Offerings of foreign oil were reported as light and quotations were mainly nominal.

Oiticica.—The downward trend of chinawood was reflected in a somewhat easier market for oiticica oil. Quotations were shaded ⅛c. per pound, but there was no increase in offerings on spot or for arrival. A fair inquiry was reported.

Olive.—A firm tone continued to prevail. Spot supplies of both foots and denatured oil appeared to be light and there was no increase in offerings for arrival. There was a fair inquiry from local and other consumers.

Peanut. — Crude was reported as steady in Southern markets, where offerings were said to be light in all positions, with quotations largely nominal.

Perilla.—The market had an easier tone, quotations being shaded several points, although supplies in some quarters were reported as light. Demand was rather slow, buyers being inclined to hold off for further developments.

Rapeseed.—Denatured oil remained in a firm position as spot supplies are small, while replacement costs were still unusually high.

Soybean.—Demand was slow owing to the favorable character of reports concerning the bean crop and the downward trend of prices for other oils and fats. The tone of the market appeared to be easy but selling schedules were maintained at previous levels by producers.

Teaseed.—The market was quiet but the tone turned firmer owing to a shrinkage in supplies in some quarters. Prices were advanced ⅛c. to ¼c. per pound for crude.

Markets at Other Centers

San Francisco, July 27.—Vegetable oils are registering somewhat easier here after a previous showing of strength and activity and the market is now ruling in dull fashion. Some materials are nominal at the moment, awaiting bidding to show their market status and as a rule sellers are going light on making offerings. On the other hand, buyers have withdrawn and the situation is marking time. Cables from the Orient show that sellers there are making no special effort to push the market.

Ruling prices are:—

COCONUT.—The market is easier. Quoted for futures at 4⅞c. per pound in tankcars, f.o.b. Pacific Coast ports and/or mills. Nearby and prompt shipment oil is quoted at 5c.

COPRA.—The market is now easier, but buyers here on the Pacific Coast are following its decline with purchases and the market has been more active during the past few days. Business was consummated here a day or so ago at an even 3c. per pound, c.i.f., and bids are now in the market at around 2.90c., with some reasonable expectancy of closing in the neighborhood of 2.95c. Arrivals on the Pacific Coast have been fair of late and shipments of oil out of the mills has continued good.

COTTONSEED.—Quoted at 9.50c. per pound for Japanese semi-refined, July/September shipment from the Orient, tankcars, f.o.b. Pacific Coast ports, duty paid. Brazilian and Chinese oil is quoted nominally at 9.30c. per pound. Some spot supplies are available here.

PERILLA.—Forward and prompt shipment crude perilla oil is quoted on the basis of 11c. per pound in tankcars, f.o.b. Pacific Coast ports, duty paid.

SESAME.—Crude oil is quoted nominally on the basis of 9c. per pound in tankcars, f.o.b. Pacific Coast mills.

TEASEED.—Quoted in a nominal position at 9c. per pound in tankcars, f.o.b.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

FISH OILS
Producers and Refiners
Crude-Refined-Bleached
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Highest quality oil made for lubricating wool and for Textile Soaps.
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Single, Double and Triple Pressed—Cakes, Powdered and Flakes
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CANARY BRAND
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Pacific Coast ports, August/September shipment from the Orient.

Chicago, July 30.—The somewhat easier tendency noted recently in certain of the vegetable oils has been continuing with buyers wary.

COCONUT.—Crude oil, 5c. to 5⅛c. per pound, prompt shipment from Pacific Coast.

CORN.—Crude, low acid, 8¼c. to 8½c. per pound, mills, partly nominal. Refined, edible oil, 11½c. to 12c. per pound, drums, car lots; and 12¼c. to 12½c., drums, less than car lots.

CHINAWOOD.—Ruling, spot, drums, 13.7c. to 13.8c. per pound; futures, 12.3c. to 12.4c.

PEANUT.—Crude, 8¼c. to 8⅜c. per pound, Southeast.

Chicago, July 30.—Range for soybeans for the week ended July 28:—No. 2, spot: High, $1.26; low, $1.25.

London, July 22.—Soybean, British crude, 31s. per hundredweight; palm kernel oil, refined, 33s.; rapeseed oil, crude extracted, 36s. 3d.; coconut oil, Ceylon, 27s.; peanut oil, Bombay crude, 31s. 3d.; sardine oil, 19s. 9d.; whale oil, crude, 22s.

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The color is lighter than 18 on the Gardner-Holdt Scale—somewhat darker than the standard grades of our Falkovar A Blown Fish Oil, but sufficiently light for clean, pure tints.

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FALK & COMPANY
PITTSBURGH, PA.

Linseed Oil

Flaxseed prices moved within moderate limits in domestic and foreign markets. Linseed oil, cake and meal steady.

Flaxseed—DULUTH, July 30.—Trade advices said that in Minnesota flax is in excellent or good condition in practically every district. Harvesting should begin in the southern tier of the counties next week, reports stated. The average yield is estimated from nine to eleven bushels to the acre. In North Dakota the rains received during the previous week have helped flax tremendously, it was said. South Dakota, Montana and Iowa have hardly enough acreage to count this year. The consensus of opinion is that the Northwestern States should have at least 10,000,000 bushels of flax of a quality superior to 1936, grain reports stated.

The week's closing price range was as follows:—

	Cash.	Sept.	Dec.
Saturday	$2.05	$2.05	$2.05
Monday	2.04	2.04	2.04
Tuesday	2.04	2.04	2.05½
Wednesday	2.05	2.05	2.05
Thursday	2.07½	2.05½	2.05½
Friday	2.07½	2.05½	2.05½

Crop movement in bushels follows:—

	Receipts		Shipments	
	1937.	1936.	1937.	1936.
This week	.....	12,097	3,000	108,038
Since Aug. 1	974,177	3,977,719	1,310,836	2,890,796

MINNEAPOLIS, July 30.—The local cash flax market is mostly routine with a minor movement of old crop quality being absorbed readily by crusher and elevator interests. Receipts show light volume and poor quality. Mostly all of the loads are small or bulk-headed and elevators take all but a few cars of northern quality coming to diversion points. Crushers want the diversion point offers and in the past day or so Duluth buyers have been out-bidding local crushers 1c. to 2c. on best quality.

The open interest in July contracts was cleaned up Monday and there is no time to make fresh mixes for July delivery. Total tenders for the month are 75,000 bushels and so far none of the seed has been ordered out of storage. There were no deliveries during the past week.

Considerable new flax has ben purchasel to arrive in lots ranging from 100 to 500 bushels in size. As yet no car lots have been offered on that basis and naturally there has been no hedging pressure of importance. There is a ready demand for new seed at September price for delivery any time in September. Crop conditions are very spotted throughout the northwest and range from poor to excellent. On the whole the crop lost a little ground during the month.

The week's closing price range was as follows:—

	Cash.	Sept.	Dec.
Saturday	$2.04	$2.03	$2.05½
Monday	2.03½	2.02½	2.04½
Tuesday	2.03½	2.02½	2.04½
Wednesday	2.04½	2.03½	2.05½
Thursday	2.04½	2.03½	2.05½
Friday	2.04½	2.03½	2.05

Crop movement in bushels as follows:—

	Receipts		Shipments	
	1937.	1936.	1937.	1936.
This week	20,000	71,709	15,480	29,020
Since Sept. 1	4,575,190	8,801,970	524,750	1,609,710

Winnipeg, July 30.—The market for flaxseed futures continued quiet. Crop news unfavorable. The week's closing range was as follows:—

	Cash.	Oct.	Dec.
Saturday	$1.78	$1.80¼	$1.78
Monday	1.75½	1.77¼	1.75¼
Tuesday	1.76	1.78½	1.76¾
Wednesday	1.76½	1.78⅝	1.76⅝
Thursday	1.78	1.80	1.76⅝
Friday	1.78	1.80	1.76¾

BUENOS AIRES, July 30.—Opening prices per bushel on August contracts were:—

	Last week.	Last year.
Saturday	$1.35⅝	$1.29
Monday	1.35⅝	1.29⅝
Tuesday	1.35⅝	1.31½
Wednesday	1.34½	1.31¼
Thursday	1.33⅝	1.32⅝
Friday	1.33⅝	1.33¾

Exports

	Bushels		
To—	Last week.	Previous week.	Last year.
United States	520,000	98,000	547,000
United Kingdom	.....	12,000	.....
Continent	114,000	807,000	661,000
Orders	413,000	287,000	252,000
Others	.....	12,000	240,000
Totals	1,047,000	1,216,000	1,700,000

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Staley's SOYBEAN OILS

A.E. STALEY MFG. CO. DECATUR ILL.

Since January 1

	Bushels	
To—	This year.	Last year.
United States	18,000,630	6,669,000
United Kingdom	488,000	307,000
Continent	13,952,000	18,322,000
Orders	13,179,000	8,428,000
Others	3,977,000	1,557,000
Totals	49,596,000	35,283,000 Bushels.

Visible Supply

Last week	6,693,000
Previous week	7,087,000
Last year	6,299,000

INDIA.—Exports of flaxseed from India last week were as follows:—

	Bushels		
To—	Last week.	Previous week.	Last year.
United Kingdom	60,000	36,000	332,000
Continent	4,000	.....	20,000
Others	.....	.....	.....
Totals	64,000	36,000	352,000

	Bushels	
Since April 1—	This year.	Last year.
United Kingdom	2,896,000	3,932,000
Continent	124,000	688,000
Others	128,000	44,000
Totals	3,148,000	4,664,000

HULL, July 30.—Quotations on flaxseed were:—

	Per ton	
	La Plata.	Bombay.
Saturday	£13⅝	£15⅝
Monday	13⅝	15⅞
Tuesday	13¼	15⅝
Wenesday	13⅜	15⅝
Thursday	13¼	15¼
Friday	13¼	15½

Linseed Oil.—Quiet conditions contined to prevail so far as new business was concerned and the situation lacked new features of interest. In the absence of any material change in flaxseed quotations, oil prices remained where they stood in the previous week. Although new business was slow, there was apparently no falling off in withdrawals on contracts, the movement from mills here being sufficient to absorb the output, leaving spot stocks unusually small. In the opinion of some the indications still point to an increase in consumption during the current season despite a decrease in activity in building operations in some sections of the country as a result mainly of labor troubles.

There was little change in the character of reports from the northwest concerning the progress of the flaxseed crop, although the condition in some sections was said to have deteriorated slightly as a result of dry, hot weather. As a rule, however, crop accounts were without sufficient change to cause any revision of ideas concerning the yield. Marketing of old crop seed continued very light. Crop accounts from Argentina seemed to point to the possibility of some decrease in the acreage as compared with last season unless generous rains are received in the near future.

According to an official report concerning domestic linseed oil production operations, there were 28 mills in the United States which crushed flaxseed during the quarter ending June 30, 1937, reporting a crush of 290,406 tons of flaxseed and a production of 206,823 pounds of linseed oil. These figures compare with 144,709 tons of seed crushed and 100,118,519 pounds of oil produced for the corresponding quarter in 1936. Stocks of flaxseed at the mills on June 30, 1937, amounted to 69,451 tons compared with 62,228 tons for the same date in 1936. Stocks of linseed oil reported by the crushers were 102,756,785 pounds on June 30, 1937, compared with 105,626,504 pounds for the same date in 1936.

MINNEAPOLIS, July 30.—Oil trade sloughed off noticeably during the past week, but this was to be expected because buyers were quite active during the two preceding weeks and contracted freely for nearby and slightly deferred shipment. Manufacturers were the best buyers by far, although paint mixers showed stronger interest in old contracts and fresh lots when strike trouble began to wane. During the past week very few tankcars were disposed of and there was medium volume to cooperage car lot trade.

Shipping instructions on maturing contracts are in many cases marked "urgent" and crushers are shipping supplies out freely. Stocks are getting lower every week as current operations are at the rate of about 40 percent only. No change is expected until new crop seed begins to come in and if fresh production is small local capacity will be limited through the season while oil supplies are developed in eastern mills using Argentine flax.

Quotations on carload lots, f.o.b. Minneapolis, July-December shipments, cooperage, 11.2c. per pound, tankcars, 10.6c. per pound, warehouse lots, 11.6c. per pound.

Shipments of oil in pounds were as follows:—

	1937.	1936.
This week	1,306,605	1,725,612
Since Sept. 1	69,074,331	104,705,411

SAN FRANCISCO, July 27.—Linseed oil was dormant much of last week. The situation remains unchanged insofar as price is concerned, although the undertone is seen to be easier. Quoted:—Tankcars, 10.8c. per pound; drum car lots, ex mill,

11.4c. per pound; drum lots, ex warehouse, 11.8c. per pound.

CHICAGO, July 30.—Trade in linseed oil has been quiet for some time, but there has been a good tone, based on reports of fairly favorable consumption conditions. Ruling prices of representative sellers are: —Tankcar, 10.6c. per pound; car lots, 11.2c.; warehouse deliveries, drums, 11.6c.

LONDON, July 30.—Quotations on linseed oil were:—

	Per cwt. s.	d.
Saturday	30	1½
Monday	30	0
Tuesday	29	10½
Wednesday	29	10½
Thursday	30	0
Friday	30	0

Cake and Meal.—A steady tone prevailed, quotations being held at previous levels in the absence of wide changes in flaxseed quotations. The export inquiry for cake was more active. Domestic trade in meal was quieter, demand being checked by improved reports concerning pasturage.

MINNEAPOLIS, July 30.—Linseed meal trade relaxed some in the past weekly period and at the moment is rather slow. Interior distributors and mixed car shippers contracted for nearby requirements in two weeks of fair business and now are waiting for fresh developments. Shipping instructions come with most of the orders coming to hand and on maturing order were very prompt. Crushers are gaining a little on their accumulations now.

Quotations on carload lots, f.o.b. Minneapolis, 100-pound sacks, $34 to $34.59 per ton.

Shipments of meal in pounds were as follows:—

	1937.	1936.
This week	3,310,798	3,140,975
Since Sept. 1	108,020,234	189,047,889

CHICAGO, July 30.—A somewhat better tone has developed in the linseed meal market, because of some deterioration that has been going on for a time in the pasturage situation. Ruling prices are:—$36 to $37 per ton, largely nominal; car lots, $37; less than car lots, $39 to $39.50.

Cottonseed Oil

Prices for refined cottonseed oil futures continued to move within narrow limits, the tone of the market being easier. Trading quiet. Southern markets inactive. Crop news favorable.

Cottonseed Oil.—There was no snap to the trading in refined cottonseed oil futures last week. Prevailing sentiment seemed to lean to the bearish side of the account, owing mainly to the favorable character of reports concerning the progress of the cotton crop, and at times the trend of prices was downward. There was little disposition on the part of the rank and file of the trade, however, to take the aggressive in selling operations. Present indications seem to point to a material increase in production of cotton and cottonseed oil this year, but the crop has entered the critical stage of the season and there is a possibility that adverse weather and insect damage may cause a decided revision of crop ideas during the next five or six weeks, to say nothing of the chances of an unusually early frost. In such circumstances bears are cautious.

The action of the markets for lard, cotton and corn futures at times was of a depressing character. On the other hand marketing of hogs continued light and hog prices displayed firmness. Predictions were heard of a further sharp decrease in stocks of lard in Chicago for the second half of July. At this time last year stocks of that commodity were rapidly increasing. Receipts of hogs in the principal western centers for four days of the week were 121,600 head against 200,900 head in the same time last year. The weight of the hogs received in Chicago during the week ended July 24 averaged 270 pounds against 267 pounds in the previous week and 268 pounds in the same week last year.

Lard compound was steady. Trade in that product was reported as somewhat better and there were reports of some improvement in the inquiry for cash refined cottonseed oil. Crude cottonseed oil was reported to have sold in the South at 7½c. per pound, but transactions were apparently unimportant. The foreign inquiry for lard continued light. Exports of lard from Atlantic and gulf ports from November 1 to July 24, however, were 79,370,152 pounds, or about 2,500,000 pounds more than in the same time last year. According to an official report, Cuba took 19,093,325 pounds of American lard during the first half of the current year against 14,651,567 pounds in the same time last year.

According to the weekly government report cotton made good progress in Texas, with the crop squaring and blooming freely in northern parts and maturing rapidly in southern sections. Picking and ginning made excellent advance in the extreme South. In Oklahoma fair to good advance was made and condition of the crop continued good, except in the northwest. In central parts of the belt condition and progress were good to excellent, except locally, where growth was too rank. The first bale of the new crop was reported in southern Louisiana on July 22. In eastern parts of the belt cotton made generally good advance and is blooming and forming bolls rapidly in most parts, with some opening in extreme southern portions. In local areas of the Carolinas rains favored weevil activity.

Refiners were credited with sales of the Fall and Winter months. In the opinion of some, pressure of hedge selling is likely to increase in the not distant future. Commission houses were on both sides of the market in a limited way. Local interests in some cases were operating merely for quick turns, buying on weak spots and selling on rallies, pending further developments in the crop situation. A private cotton crop estimate of 15,610,000 bales caused selling for both short and long account.

Trading in bleachable prime summer yellow cottonseed oil futures on the New York Produce Exchange from July 24 to July 30, inclusive, comprised 711 contracts (including 26 switches) for a total of 42,660,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
January	8.96	8.56	8.63 sale
March	8.99	8.61	8.64@8.67
September	9.00	8.54	8.63@8.65
October	8.97	8.51	8.60@8.62
December	8.94	8.53	8.61 sale
Crude, Southeast, 7.50@7.75c. nom.			

Chicago, July 30.—Cottonseed oil has receded fractionally in price here, accompanied by a cautious attitude on the part of buyers that has slowed up volume of transactions somewhat. Refined, edible oil is quoted at 12½c. to 13c. per pound, barrels, car lots; and 13¼c. to 13½c., barrels, less than car lots.

Hull, July 30.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s.	d.	Egyptian crude. Per cwt. s.	d.
Saturday	30	0	27	0
Monday	30	0	27	0
Tuesday	30	0	27	0
Wednesday	30	0	27	0
Thursday	30	0	27	0
Friday	30	0	27	0

Cake and Meal.—Quotations underwent little change last week so far as spot cake and meal were concerned, the prevailing tone in the South being steady. There were reports of a somewhat better inquiry in the Southwest for meal for fall shipment. Offerings of spot and nearby product continued to be reported as light.

Markets at Other Centers

Atlanta, July 28.—No changes in cottonseed product prices have occurred during the past week. The first bales of cotton have been picked this season in the lower South, though the plants in that region are not through producing. Some sections are reporting severe weevil damage, but, generally, the damage is light.

Quotations of this market are as follows:—

MEAL.—7 percent grade, $38 per ton, interior mills.

HULLS.—$13 per ton.

Memphis, July 30.—Practically no trading in crude oil cottonseed oil in this section. Rumored some few scattered tanks sold recently at 7⅝c. per pound, Valley basis. Seed will not move in this section until after August 15 and mills will not start operating until late in August or early September. Spot demand for cottonseed meal quiet. Today $31 per ton quoted for 41 percent meal, prompt shipment, Memphis basis; $28.50 for cake, Valley points. Some demand for fall shipment coming in from exporters, and several carloads have been sold. New crop meal is offered at $23.50 to $24 per ton. Cotton crop progressing well and expectations now are for a large yield unless setbacks develop in August as a result of insect damage and adverse weather. Trade ideas getting fixed on crop of over 15,000,000 bales. It is contended that present prices discount a crop of that size.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	July 22.	July 30.
September	$24.15@24.45	$22.65@23.40
October	23.50@24.25	22.00@22.55
December	23.65@23.90	22.10@——

Animal Oils

Lard.—Quotations were stationary and the tone of the market appeared to be steady. There was no broadening of business, purchasing by local and other consumers generally being limited, as usual at this period, to unimportant quantities.

Neatsfoot.—Previous selling schedules were adhered to by producers, the tone of the market being firm. There was a fair inquiry though purchasing was apparently limited as a rule to comparatively small or moderate quantities.

Oleo.—Demand was reported as somewhat better though consumers were apparently disinclined to purchase in advance of current needs. The market was steady on the basis of previous quotations.

Tallow.—Business was quiet and of a routine character. Prices were maintained at former levels.

Markets at Other Centers

Chicago, July 30.—The animal oils market continued rather quiet, in view of a rather featureless situation in the basic materials. The price structure for the most part is holding its own.

LARD.—No. 1, 12c. to 12¼c. per pound.

OLEO.—No. 2, 12¼c. to 12½c. per pound.

TALLOW.—Acidless, 11c. to 11¼c. per pound, tanks; 12c. to 12½c., drums.

Fish Oils

Menhaden.—Business in refined oil continued along conservative lines, few consumers being inclined to purchase in advance of current needs. In some quarters, however, a fairly active demand was noted for small or moderate quantities. Quotations were revised downward. Crude offerings generally reported as light, sellers being inclined to await further developments in the fishing situation. Production of oil for the season thus far, according to some reports, has been about normal.

Sardine.—There was no broadening of business in refined oil, such transactions as were reported being limited to moderate quantities to meet the current needs of consumers. Quotations were revised downward. Advices from the Pacific coast reported sales of crude at 42½c. per gallon in tanks.

Sperm.—The market for refined oil was easier, quotations being reduced 4-10c. per pound. There was a fairly active demand.

Whale.—Quotations were reduced 4-10c. per pound by refiners, the market apparently being steady at the decline. There was a moderate movement into local and other consuming channels.

Markets at Other Centers

San Francisco, July 27.—With the big soapers still out of the picture in Pacific Coast fish oils, refiners and specialty-oil interests again stepped into the California market last week and bought up what appeared in the aggregate to be about 200 tankcars of crude sardine oil. The ruling price was 42½c. per gallon, f.o.b. Coast. At the same time a further quantity of herring oil was reported purchased out of Seattle on the same price basis, delivery said to be both out of spot and future running production. A third front opened up in Canada, with the reported transaction of a small quantity of pilchard oil moving into Canadian consumption at a figure of 28c. The spread in Canadian and American prices owes to the duty and tax differential.

So far a careful check on activities in this market here reveals the fact that between 300 and 350 tankcars of sardine oil have moved into contracts since the opening of negotiations about two weeks ago, mostly at a 42½-cent figure, with some oil going at a cent higher. The soapers have not shown interest and the oil is going into specialty channels. The big movement is expected to come when the soap makers get down to business and start bidding.

At this writing the market is quiet. There are offers here on the basis of 42½c., but buyers are feeling a trifle uneasy and for the large part have withdrawn. Some expect to be able to buy more oil at a lower level soon and are a trifle wary at the willingness of the producers to continue to offer at the same figure. There are some short interests in the market who would like very much for the price to drop so they could cover.

The northern California fishing season is due to open up within another few days—August 1, but it is doubtful if production will actually get under way until later in the month. The producers have as yet to settle tonnage prices with the fishermen, who are still holding out for $13 per ton on raw fish.

Baltimore, July 28.—Trading in menhaden fish oil continues in abeyance for the reason that the production has not so far attained unusual proportions, so that the fishing companies can hardly do better than take care of the orders already booked. It is also to be said that the price level adhered to by the fishing companies, around 40c. per gallon, is not acceptable to intending purchasers and no interest in the offerings is being manifested by the potential buyers. The catch off the Florida coast is light and no more oil is being offered from that section, with the fishing companies having all the orders on their books they can take care of at the present rate of output, and the indications are that the additions still to be made will not exceed the commitments. In the Chesapeake Bay and off the Virginia capes the hauls have been fairly good, with about 9,000,000 fish caught last week.

Fats and Greases

Grease.—A steady tone prevailed, quotations being maintained at recently advanced levels. There was a fair inquiry from local and other buyers, though few consumers were inclined to anticipate.

Lard.—Changes in cash prices were generally moderate as fluctuations in futures in the West were within comparatively narrow limits much of the time. Domestic business was quiet and there was apparently no broadening of foreign interest. Marketing of hogs continued on a small scale.

Stearin.—A somewhat firmer tone developed, quotations being advanced ⅛c. per pound. There was a fair inquiry.

Tallow.—Quieter conditions prevailed last week. Occasional inquiries were noted for small or moderate quantities, but large consumers were disposed to hold off for further developments in the situation after the recent activity and advance in prices. Offerings were generally light and the market retained a steady tone. The last business reported was at 8½c. per pound delivered for extra. The market for tallow futures was also quieter.

Trading in tallow futures on the New York Produce Exchange from July 24 to July 30, inclusive, comprised 13 contracts, a total of 780,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
January	8.00	8.00	8.00@8.03
December	8.35	8.00	8.00@8.02

Markets at Other Centers

Chicago, July 30.—The cash lard market continues to be subject to mixed influences. The lard futures market has been weak in recent sessions, due to speculative grain market influences. At the same time, the hog market has been strong. Statistics of the situation are being closely watched. Shipping trade has been fair.

The range of lard quotations from the opening Saturday, July 24, to the close Friday, July 30, is shown in the following table:—

	Per 100 pounds— Open.	High.	Low.	Close.	Previous Friday.
Cash	$12.00	$12.07	$11.95	$12.07	$12.10
Sept.	12.07	12.17	11.95	12.05	12.12
Dec.	11.90	12.00	11.75	11.75	12.00

TALLOWS (tierces).—Edible, 8¾c. to 9c. per pound; prime, 8½c. to 8⅝c.; fancy, 8½c. to 8⅝c.; special, 8¼c. to 8⅜c.; No. 1, 8⅛c. to 8⅜c.

GREASES (tierces).—Choice white, 9¼c. to 9½c. per pound; A white, 8⅜c. to 8½c.; B white, 8⅛c. to 8¼c.; yellow, 10-16, 7¾c. to 8c.; yellow, 16-20, 7½c. to 7¾c.; brown, 7¼c. to 7½c.

STEARINS (barrels).—Prime oleo, 9¼c. to 9½c. per pound; lard, packages, 13⅜c. to 13¾c.; A white grease, 8¾c. to 8⅞c.; yellow grease, 8¼c. to 8⅜c.; extra oleo stocks, 12¼c. to 12½c.; No. 2 stocks, 11¾c. to 12c.

Liverpool, July 30.—Quotations per cwt. on refined American lard were as follows:—

	Spot. s.	d.	July. s.	d.	Sept. s.	d.	Oct. s.	d.
Saturday	67	0	60	6	60	3	60	3
Monday	66	6	60	3	60	3	60	3
Tuesday	66	0	60	0	60	0	60	0
Wednesday	66	6	60	9	60	9	60	9
Thursday	67	0	61	0	61	0	61	3
Friday	66	0	..	..	60	6	60	6

(Continued on page 50)

KOSTER KEUNEN BEESWAX
IMPORT Established 1931 EXPORT
Inspect our sunbleachery and our stock of over half a million pounds
SAYVILLE, N. Y.—about 50 miles from New York City

SUN BLEACHED
Beehive Brand BEESWAX
• Finest Quality
• Guaranteed Pure
WILL & BAUMER CANDLE CO., INC.
Dept. E9 Syracuse, N. Y.
Established 1855
Spermaceti Ceresine Red Oil Glycerine Stearic Acid
WARRANTED PURE BEES WAX

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Monsanto Quality Control

Insures Monsanto Quality for the finished product

Monsanto Products for the Pharmaceutical Manufacturer include:

Acetanilid U. S. P.
Acetophenetidin U. S. P.
Aspir Gran
Aspirin U. S. P.
Aspirin Starch Granulations
Benzoic Acid U. S. P.
Caffeine U. S. P.
Chloral Hydrate U. S. P.
Chloramine-T U. S. P.
Glycerophosphates
Phenol U. S. P.
Phenolphthalein U. S. P.
Salicylates,
Etc.

In modern laboratories set up for the sole purpose of safeguarding quality, a sample of every lot of a Monsanto product is put through exacting tests and approved before shipments are released. Every precaution is taken to guarantee your receiving in each succeeding shipment, the quality established by Monsanto as the result of more than three decades of manufacturing experience and, which in turn, will be passed on to your own finished products.

Monsanto Chemical Company
ST. LOUIS, U.S.A.

30 Rockefeller Plaza NEW YORK
Tribune Tower CHICAGO
Everett Station BOSTON
Brown Marx Bldg. BIRMINGHAM
Johnston Building CHARLOTTE
Midland Building CLEVELAND
373 Brannan Street SAN FRANCISCO
378 St. Paul St., West MONTREAL

CHEMICALS OF QUALITY
Monsanto
ST. LOUIS, U.S.A.

Drugs, Fine Chemicals

Corn Syrup Down Sharply — Acetanilide Sold Heavily to Sulfanilamide Makers — Soda Mandalate and Mandelic Acid Move Freely at Easy Prices — Trade Good

Current business in the market for rugs and fine chemicals was somewhat slow last week. New orders were either numerous nor substantial in size. Buyers appeared to be somewhat more reserved than they had been and kept purchases down to limits set, mainly by immediate needs only.

Against this not very satisfactory condition was the more pleasing fact that the principle manufacturer of such merchandise reported that their plants were operating at very good volume in order to supply goods which had been on order for some time past. Unfilled orders have been something of a problem and, hence, the lack of substantial current business has permitted the producers to apply their manufacturing energies to catching up on orders as yet unfilled.

One turn for the better was the fact that the production of sulfanilamide had at last been raised to a volume that made it possible to catch up fairly well with demand. For weeks past far more goods had been sold than could be delivered but the producers are catching up now and prompter shipments of orders was in sight last week.

Glycerin was a quieter item. The sudden demand for saponification and dynamite glycerin for export has subsided and the general call for soaplye, chemically pure, and dynamite was more routine, resulting in steadier prices. Aloin was advanced sharply, reflecting a more profitable market, as well as a somewhat higher production cost. Potash iodide moved well, as also did mandelic acid and soda mandalate. Quicksilver was moderately easy, but no change in prices on metal, nor on mercurials, took place. Better demand for strychnine was expected. Alcohol was firm and routine as to demand.

Acetanilide.—Business was excellent. Demand from makers of sulfanilamide were heavy takers of the item and as the use of the derived material seemed to be in its infancy, with its effectiveness being constantly extended by the medical profession, the outlook for continued large consumption of the raw material was splendid.

Acid, Acetylsalicylic.—Demand was normal for the time of year and the basic position of this item was one of firmness. With the season of expanding consumption not far off, good trade was the general expectation of the producers.

Acid, Benzoic.—Normal consumption was afoot, giving steady undertones to the market for this article and keeping quotations on a firm basis, free from unusual competition. Stocks were ample.

Acid, Citric.—Demand continued to be very good. Seasonal weather kept consumption of beverages running to important volume, and that meant excellent consumption of this acidifier. Prices were steady.

Acid, Lactic.—Somewhat quiet trading was noted in the USP variety of this item, yet prices remained steady and well stabilized in keeping with the present cost to replace current stocks. Supplies were ample in all respects.

Acid, Tannic.—Business was somewhat slow. Most orders were for conservative quantities that, on the whole, were somewhat smaller than they had been recently. However, in keeping with firm cost of production, quotations on the acid were well held.

Acid, Tartaric.—Raw material retained all of its recent advance and hence the position of acid was firm to strong. Demand was very good, being still under the influence of seasonal requirements on the part of the beverage trade.

Agar.—Exports from Japan in 1936 totaled 2,948,600 kin, of 1.32 pounds each. This was the largest export of the article since 1918, in which year 2,639,400 kin were exported. Of the quantity despatched in 1936, the United States took 339,000 kin, an increase of 45 percent. Demand for agar was moderate to fair last week.

Alcohol.—Values were generally firm, based on present cost of production. A sharp drop in the price of corn was reported, thus influencing considerably the cost to manufacture grain alcohol. Against this was the firm position of blackstrap molasses. Demand for alcohol was about normal for this season, and conditions generally were favorable to a normal expansion of sales volume as the more active season of the year draws nearer.

Aloin.—Strength was still apparent in the price position of this material and certainly the situation so far as raw material cost was concerned was full warrant for the position of the derived article. Prices were advanced 20c. per pound, making the market $1.80 to $1.89 per pound.

Bismuth Metal and Salts.—Demand was very good. The recent improvement was maintained and contributed much to the firm position of prices already being mentioned as being too low to permit a normal profit on salts. Undertones were steady in all quarters.

Bromine.—Production of bromine in Kwantung, under the aegis of Japanese concessionary companies, is being studied in connection with a plan which definitely commits the companies to the production of magnesium. It is said to be part of the Manchukuo five year industrial program, according to the United States trade commissioner at Tokyo. The domestic market for bromine and bromides was active, steady, and fully maintained at recent volume.

Borax.—Business was very good, contributing strength to the core and surface of a market notable for activity since the first of the year. Prices were firm in all respects.

Caffeine.—Very good request for alkoloid was the general report on this item and quotations had an aspect of firmness throughout the past week. Consumption was said to compare favorably with that in recent weeks, and to be somewhat ahead of that of last year at the corresponding period.

Camphor.—Demand for synthetic powdered camphor was said to be running very well, but that for the item in tablet form has not been too good; it does not find the favor accorded the Japanese natural camphor in tablet form. The application for a higher duty on imported camphor has been made and its progress will be watched closely.

Castor Oil.—Business was somewhat quiet. Orders were somewhat less than they had been and quantities required had also shrunken moderately. However, prices continued to display all of their recent stability.

CHICAGO, July 29.—The castor oil market has been rather firm with material moving steadily. Orders reached a good volume, with numerous small lots moving. Ruling prices are:—No. 1, drums, car lots, 10⅞c. per pound; drums, less than car lots, 12c.; barrels, car lots, 11⅛c.; barrels, less than car lots, 12¼c.; five-gallon tins, 13¼c.; one gallon tins, 15¼c.; No. 3, drums, car lots, 10⅜c.; drums, less than car lots, 11½c.; barrels, car lots, 10⅝c.; barrels, less than car lots, 11¾c.

Corn Syrup.—Prices were reduced 55c. per 100 pounds last week, being a reflection of the recent and very severe decline in the price of raw material. New quotations were as follows: 42 degree, $3.91 per 100 pounds; 43 degree, $3.96.

Cream of Tartar.—Prices were very firm. No change in the strong position

Price Changes

Prices were changed during the past week as follows:—

Advanced

Aloin, 20c. per lb.

Reduced

Corn syrup, 55c. per 100 lbs.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
181.5	181.5	181.6	178.9

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

PROCTER & GAMBLE
Largest Producers and Refiners of
CHEMICALLY PURE GLYCERINE
U.S.P.
Packed in drums and cans
Also other grades—Stocks in principal cities
Gwynne Building, Cincinnati, Ohio
205 East 42nd Street, New York City

BENZOL PRODUCTS COMPANY
237 South Street, Newark, N. J.
MANUFACTURERS OF FINE CHEMICALS
OXY-QUINOLIN
(8-HYDROXY-QUINOLIN)
Base or Sulphate

CARBONATE OF MAGNESIA
"BLOCKS" U. S. P.
A PATTINSON PRODUCT.
A STANDARD IN QUALITY THRU-OUT THE WORLD FOR OVER 90 YEARS
SCHOFIELD-DONALD COMPANY
INCORPORATED
154 NASSAU STREET NEW YORK

TARTARS
WILLIAM NEUBERG, Inc., 441 Lexington Ave., NEW YORK, N. Y.
MUrray Hill 6-1996

HEYDEN
fine chemicals
FORMALDEHYDE
PARA FORMALDEHYDE
HEXAMETHYLENETETRAMINE
Acetyl Salicylic Acid
Salicylic Acid
Sodium Salicylate
Methyl Salicylate
Minor Salicylates
Guaiacol
Creosote
Guaiacol Carbonate
Creosote Carbonate
Potassium Guaiacol Sulfonate
Benzyl Chloride
Benzoate of Soda
Benzaldehyde
Benzoic Acid
Silver Proteins
Bromides
Glycerophosphates
FINE HEYDEN CHEMICALS
HEYDEN CHEMICAL CORP.
50 UNION SQUARE NEW YORK, N.Y.
CHICAGO BRANCH: 180 N. WACKER DRIVE
factories: GARFIELD, N.J. - PERTH AMBOY, N.J.

S. B. Penick & Company's
high potency
FISH LIVER OILS
(*of our own manufacture*)
HALIBUT LIVER OIL
SWORDFISH LIVER OIL
TUNA LIVER OIL
FISH LIVER OIL BLENDS
VITAMIN A and D CONCENTRATES
HIGH POTENCY COD LIVER OIL
all of highest obtainable qualities
NEW CROP PRODUCTION NOW AVAILABLE. WE INVITE INQUIRIES FOR PRICES, TECHNICAL DATA, OR OTHER INFORMATION
S. B. PENICK & COMPANY
132 NASSAU STREET, NEW YORK
1228 WEST KINZIE STREET, CHICAGO
THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

of raw material has come to the market and hence production costs were such as to make the derived material well maintained and based on a comparatively strong situation.

Glycerin.—Chemically pure and dynamite glycerin remained very steady on the basis of generally fair consuming demand at this time, as well as because of the prospect for an excellent movement during the season ahead. Reports concerning crude glycerin were somewhat divergent, some stating that a ready market existed for everything available, and others indicating that values were somewhat lower. There seemed to be no important surplus of stocks of any kind. Recent export sales of saponification totaled 100 tons, it was believed.

CHICAGO, July 29.—No further change has developed in the glycerin market. C.p. and other grades hold quiet. The movement on orders is reported as reaching fairly good proportions. Ruling prices of representative sellers are:—C.p., car lots, 21½c. per pound; drums, less than car lots, 22c.; cans, less than car lots, 23½c. to 25c., according to quantity; dynamite, car lots, 21½c.

Iodine and Iodides.—Very good demand for potash iodide continued to be reported locally and the market had a steady tone throughout the past week. Other iodides were in conventional request. Crude iodine was very steady, the recent agreement between Japanese and Chilean producers having had a moderately tonic effect on the market

Menthol.—Application for a higher duty to encourage domestic production of synthetic material will result in the progress of the same being watched closely by all interests concerned with the cost of this material. Domestic production has made excellent headway durnig the past year and there are those who expect the home product to supply much of the need formerly covered by imports of natural menthol from Japan.

Mercurials.—A fairly broad but hardly large market prevailed on spot and prices appeared to be fairly steady notwithstanding the recent reductions in quotations on raw materia'.

Methanol.—Export of the denaturing grade of this article to France will be impossible under a decree effective July 1, which provides that the material used in France must, from then on, be of French manufacture. It must also have been manufactured by the wood carbonization process. The local market was steady to firm with a fair demand being reported in full support of current quotations.

Quicksilver.—Trade was conservative in volume and hence the easier undertone and lower prices recently reported was undisturbed. The declines had been attributed to the re-entry of Spanish metal into the world markets. However, the recent rebel offensive to the east of Madrid was being watched. Should the pincers of rebellion close definitely on the capital, it might be that the Spanish mines would pass into the possession of the rebel forces.

SAN FRANCISCO, July 26.—Quicksilver is moving only in a routine way, and buyers have been rather independent of some of the Pacific Coast offerings. Consequently there is a price depression and metal is easier and lower.

Quinine.—Little new came to the market. Demand was still very good from the Southern states, and other areas of the country were buyers in quantities normal for all. Prices were firm in all respects.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces:—Small lots cost from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London are also provided.

	Per ounce		
		Bullion	
	Nitrate, Cents.	New York, Cents.	London, Pence.
Saturday	32⅞	44⅜	20
Monday	32⅞	44⅜	20⅛
Tuesday	32⅞	44⅜	20
Wednesday	32⅞	44⅜	20
Thursday	32⅞	44⅜	20⅛
Friday	32⅞	44⅜	20⅛

J. & J. Advances L'Hommedieu

Johnson & Johnson, surgical dressings, New Brunswick, N. J., reports the advancement of P. D. L'Hommedieu from director of the dental division to manager of the eastern division, general line. B. T. Cowper, who has acted as assistant to Mr. L'Hommedieu for last several months, is advanced to director of the dental division.

Modern Drug & Chemical Company, Baltimore, sustained considerable loss by fire in the company's warehouse July 19.

Richard J. Sargent, of Merck & Co., drugs and fine chemicals, this city, returned last week from two weeks vacationing at Sterling Forest, N. Y., located on Greenwood Lake.

Proprietary medicines exports from the United States in May had a total value of $776,851. Tonics and related preparations were the largest item; salves and ointments were next.

PLYMOUTH BRANDS
STEARATES - ZINC - MAGNESIA
WHITE MINERAL OILS U. S. P. and TECHNICAL
Manufacturers and Importers for thirty years
M. W. PARSONS, Imports & PLYMOUTH ORGANIC LABORATORIES, Inc.
55 ANN STREET, NEW YORK CITY

PYROCATECHIN
C. P. Crystals and Resublimed Crystals
RESORCIN—(Technical—U. S. P.)
PENNSYLVANIA COAL PRODUCTS CO.
PETROLIA *Established 1916* PENNSYLVANIA

PRIVATE FORMULA WORK
Douche Powders
See our set-up, equipment and splendid facilities for handling any part or all of your manufacturing. Compare our quotation with your present costs. Conveniently established in the Metropolitan District. A preliminary consultation places you under no obligation.
Also Headquarters for Drugs, Chemicals, Essential Oils and Allied Products
EHRMANN-STRAUSS CO., Inc.
202 W. Houston Street, New York
"IF IT'S A DRUG • WE HAVE IT"

ANACONDA
PHARMACEUTICAL (U.S.P.)
ZINC OXIDE
MADE FROM ELECTROLYTIC ZINC
99.99+% PURE
ANACONDA
from mine to consumer
INTERNATIONAL SMELTING AND REFINING COMPANY
Zinc Oxide Department
EAST CHICAGO, INDIANA
AKRON, OHIO NEW YORK CITY
WAREHOUSE STOCKS LOCATED IN PRINCIPAL CITIES

Botanical Drugs, Gums

Sharp Rise in Price Adjustments Follows Completion of Stock Taking—Competition Gains Somewhat—Crop Prospects Not Encouraging in the Main—Demand Dull

The market for botanical drugs broke out in a rash of price changes during the past week. The greater number of changes were reductions, but the items showing advance in quotations were numerous and notwithstanding this relative situation in price developments, the basic position of the market as a whole was one of substantial firmness.

Prominent dealers in these entities usually take inventory at midyear, rather than in January, as may be the custom in many industries. These inventories have been completed, studied, and have resulted in some shift in the alignment of values, either up or down, as conditions might warrant.

However, new crop conditions were not without some influence, especially on the side of those materials that ended the period at higher price levels. In a few instances, also, new crop prospects were influential in bringing out some concessions in quotations. But, on the whole, the crop prospect as concerned both domestic and foreign botanicals was not one forecasting large stocks and lower prices for the consuming season. On the contrary, abroad and at home comparatively high prices are being paid to stimulate an even moderate collection of needed entities and the labor supply in this country, and overseas in Europe, too, is none too plentiful because of conditions that have brought about competition of labor ordinarily devoted to the collection of botanical drug merchandise.

Entries of botanicals at the port of New York since the week of January 1, 1937, the detentions of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags	
	Detained.	Entered.
Anise	2,736	15,738
Caraway	2,936	6,236
Caradamom (cases)	61	1,570
Celery	374	5,950
Coriander	6,588	2,018
Cumin	1,865	6,189
Digitalis leave (cases)	143	153
Dill	184	647
Fennel	435	2,117
Henbane leaves (bales)	141	287
Mustard	330	16,515
Poppy	1,450	29,356
Sage leaves (bales)	20	1,245
Sesame	228	11,487
Stramonium (bales)	227	327
Thyme (bales)	636	1,149
Totals	18,413	118,658

Price Changes

Prices were changed during the past week as follows.—

Advanced

Aconite leaves, 10c. per lb.
Aletris root, 8c. per lb.
Asafetida root, whole, 1c. per lb.
  powdered, 7c. per lb.
Benzoin gum, Sumatra, 2c. per lb.
Black haw, root bark, 4c. per lb.
  tree bark, 1c. per lb.
Caraway seed, ½c. per lb.
Coriander seed, Morocco, 1c. per lb.
  bleached, 1c. per lb.
Cottonroot bark, 1c. per lb.
Cramp bark, genuine, 2c. per lb.
Helonias root, 3c. per lb.
Jaborandi leaves, 2c. per lb.
Ladyslipper root, 4c. per lb.
Linden flowers, with leaves, 1c. per lb.
  without leaves, 1c. per lb.
Pennyroyal, 1c. per lb.
Pepper, black, Lampong, ⅝c. per lb.
  red, Japanese chillies, ⅛c. per lb.
  white, Java Muntok, ¼c. per lb.
Pinkroot, 2c. per lb.
Prickly ash bark, ½c. per lb.
Princess pine herb, 4c. per lb.
Rose flowers, pale, 4c. per lb.
Sassafras bark, ordinary, 1c. per lb.
Savory, 1c. per lb.
Soapbark, cut, 1c. per lb.
Squawvine, 1c. per lb.
Sunflower seed, California, large, ¼c. per lb.
Thyme, 1c. per lb.
Yerba santa leaves, 1c. per lb.

Reduced

Aloe gum, Cape, 1c. per lb.
Angelica root, imported, natural, 3c. per lb.
Anise, Spanish, ½c. per lb.
Arnica flowers, 1c. per lb.
Borage flowers, 1c. per lb.
Canary seed, Morocco, ¼c. per lb.
  Turkish, ¼c. per lb.
Cassia buds, 1c. per lb.
Celery seed, French, ¼c. per lb.
Cinchona bark, chips, 2c. per lb.
  broken, 2c. per lb.
Copaiba balsam, Para, 2c. per lb.
  South American, 2c. per lb.
Cornsilk, ½c. per lb.
Cumin seed, Algerian, ½c. per lb.
  Morocco, ½c. per lb.
Dragon's blood reeds, 5c. per lb.
Echinacea root, 2c. per lb.
Ergot, 32c. per lb.
Fenugreek seed, ¾c. per lb.
Golden seal root, whole, 25c. per lb.
  powdered, 25c. per lb.
Iceland moss, 1c. per lb.
Ipecac root, whole, 5c. per lb.
  powdered, 5c. per lb.
Jalap root, powdered, 1c. per lb.
Kava kava root, 2c. per lb.
Kola nuts, 3c. per lb.
Licorice root, bundles, select, 3c. per lb.
Marna flake, large, 2c. per lb.
  small, 2c. per lb.
Matico leaves, 1c. per lb.
Mullein flowers, 5c. per lb.
Myrrh gum, 3c. per lb.
Orange flowers, 5c. per lb.
Paprika, Hungarian, ¼c. per lb.
Peru balsam, 10c. per lb.
Sarsaparilla root, Mexican, 1c. per lb.
Serpentaria root, 3c. per lb.
Skullcap, Western, 6c. per lb.
Staves acre seed, 3c. per lb.
Tamarinds, West India, ⅛c. per lb.
Uva ursi leaves, 5c. per lb.
Wahoo, root bark, 3c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
126.0	**128.2**	**129.6**	**114.9**

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Copaiba.—Once more prices were reduced under the influence of substantially keen competition in a dull market. South American was noted at 28c. to 29c. per pound, while Para was down to 26c. to 27c.

Peru.—Quotations were reduced to the basis of 95c. to $1 per pound last week, reflecting local competition developed by the presence of somewhat more favorable replacement costs.

Barks

Black Haw.—Prices were higher at 25c. to 26c. per pound for root bark, and 13c. to 14c. for bark of tree. The production has not proven as satisfactory as had been suggested earlier in the season and with stocks to be none too plentiful during the consuming season, a firmer view on values has developed.

Cinchona.—Broken and chip bark were lower at 18c. to 19c. per pound. Other kinds of this article lacked quotable change. Demand was poor.

Cottonroot.—Prices were higher at 12c. to 13c. per pound. Earlier reports of an almost nil collection last Winter have been confirmed and brought an improvement in local values.

Cramp.—Genuine cramp bark was higher at 20c. to 22c. per pound and the most highly regarded quality of the material was not being gathered in quantities suggestive of a normal reserve being available during the more active season ahead.

Prickly Ash.—Sales were made at 12c. to 13c. per pound and the fractionally higher market was also in line with the conservative stocks now available here and in the primary market.

Wahoo.—Further recession in country prices brought spot quotations on root bark down to the basis of 55c. to 57c. per pound. Tree bark lacked change but was somewhat on the easy side of the market.

White Pine.—Spot quotations were 5½c. to 6c. per pound for rossed material. The carryover was moderate this year and collections have not been too ample in the primary market thus far this Summer.

Beans

St. Ignatius.—A few jobbing orders were noted, but on the whole the market was one of nominal activity. Prices remained steady.

Vanilla.—A fundamentally steady market was reported. While demand was not exceptionally active, amount of business sufficient to keep values mainly firm was reported in local circles last week. The feature productive of substantial strength was the conservative size of stocks available in the European market at this time. Top quality vanilla was in low supply, while holdings of lower grades were conservative. In all instances, available stocks were in strong hands who feel that values are more than likely to strengthen befort new crops become of influence on

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

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These powders contain more killing particles. More effective — more economical. Write for further information.
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STANDARDIZED PYRETHRUM AND DERRIS PRODUCTS

the market in the somewhat distant future.

Berries

Cubeb.—While prices were moderately easy on the spot, they lacked definite change during the past week. Demand was light, irregular, and restricted to jobbing quantities most of the time.

Saw Palmetto.—Limited interest was displayed in the article and the market was generally quiet last week. Quotations lacked further change but the tendency, if any, semed to be moderately in favor of buyers.

Flowers

Arnica.—Some quarters have bought abroad at fair advantage and have therefore shaded spot quotations to the basis of 27c. to 28c. per pound. However, continued weakness in prices was not expected.

Borage.—Ability to replace to somewhat better advantage abroad has led to a slight reduction in local quotations. The market was down to 20c. to 21c. per pound last week.

Linden.—Flowers with leaves recovered some strength last week and were priced on the minimum basis of 16c. to 17c. per pound. Goods without leaves were noted at 17c. to 18c. Prices abroad were also firmer than they had been.

Mullein.—Quotations were reduced to the basis of 85c. to 90c. per pound in a market that on spot was dull as to demand, while abroad it was somewhat easier and more favorable for buyers with orders in hand.

Orange.—Competition led to a break in spot quotations and during the past week the market was down to the basis of 30c. to 35c. per pound without demand being much stimulated by the more favorable price.

Rose.—Sharp recovery in prices put pale flowers on the considerably stronger basis of 25c. to 30c. per pound. Red flowers lacked quotable change and were counted generally firm throughout the period because of a lack of weakness abroad.

Gums

Aloe.—Values were fully firm, especially as concerned gum for use other than extraction of aloin. Rulings of the Food and Drug Administration have restricted practically imports of gum to material destined solely for such manufacturing usage.

Arabic.—No further decline in prices was reported but the market was still feeling the combined influence of lower replacement cost and lack of spot demand. Trading was conservative and confined mainly to jobbing quantities, it was said.

Asafetida.—Powder was advanced further to the basis of 47c. to 48c. per pound with something akin to a shortage being the rule since the recent exhaustion of the stocks of one prominent factor in the merchandising of this material.

Benzoin.—Sellers were fully reserved when it came to offering Sumatra gum as it was highly uncertain that stocks unsold at present can be replaced. Most arrivals are being detained by the Department of Agriculture because of alleged adulteration with rosin.

Camphor.—The move for a higher duty on imported natural and synthetic camphor will be watched closely by factors in the sale of imported goods. Recent information on hand was to the effect that the domestic synthetic material in powdered form was moving well and in excellent volume, whereas the article in tablet form was not proving entirely satisfactory if volume of sales be considered. The move for higher duty was for the purpose of encouraging the domestic manufacture of synthetic camphor.

Myrrh.—Spot quotations were shaded to 42c. to 45c. per pound, price depending on seller and quality in a market lacking more than moderate demand, and possessing a deal of tendency toward competition.

Herbs and Leaves

Aconite.—Stocks were comparatively low and the absence of a generally distributed supply led to a strong situation on the basis of 32c. to 33c. per pound.

Jaborandi.—Sales were made at 13c. to 15c. per pound and the higher market reflected firmness of replacement cost and absence of excessive stocks on the spot.

Matico.—In limited demand at the moment, this item was also cheaper in price under competition. Quotations were down to the basis of 28c. to 30c. per pound, prevailing as to seller and quantity.

Pennyroyal.—Sellers took a firmer view on the market and held prompt deliveries available on the basis of 14c. to 15c. per pound. Buying of future supplies were somewhat doubtful owing to conditions abroad.

Princess Pine.—Sellers were reserved and as future supplies were not expected to reach normal size, quotations were firmly maintained when they were raised to the basis of 21c. to 22c. per pound. Demand was small.

Savory.—Quotations were advanced to 8c. to 8½c. per pound with demand being more than ordinarily active, and with stocks being somewhat less than the normal reserve of the material.

Skullcap.—Unsettlement returned and western material was much cheaper at 18c. to 20c. per pound, but the Eastern article remained steady and unchanged at 25c. to 26c. per pound. The market had been somewhat competitive for a considerable period of time.

Thyme.—The situation continued to strengthen and prices were advanced substantially to the exceptionally firm position of 10½c. to 11c. per pound. Stocks were subnormal and replenishment in full volume was an accomplishment not too readily attained.

Uva Ursi.—Prices were down sharply. The spot market was 15c. to 16c. per pound under the influence of competition that had broadened and strengthened in the past fortnight or so.

Yerba Santa.—Quotations were 9c. to 10c. per pound with most sellers showing a disposition to avoid booking business at the former price of 8c. Not much interest was shown. Those asking 9c. declared it was a value in line with replacement costs.

Miscellaneous

Corn Silk.—Quotations eased; they usually do at this season of the year in anticipation of more favorable prices in the primary market when new crop is offered. The spot price was 7c. to 8c. per pound.

Dragon's Blood.—Reeds were down to 85c. to 90c. per pound with stocks being offered in substantial volume thereat in keeping with the cost of present supplies. Demand was mainly of jobbing sort.

Ergot.—Spot prices were reduced to $1.45 to $1.50 per pound in order that the quotations named on new crop Portuguese material might be clearly reflected in local values. For some time past, the market had been progressively easier with prices recording lower levels on spot.

Iceland Moss.—The market was shaded to 12c. to 13c. per pound in the absence of support that a better demand would have given to the spot value of the material. Jobbing request alone prevailed.

Kola Nuts.—Definitely lower prices at 8c. to 9c. per pound brought this article back almost to the basis prevailing prior to the advance that had been caused by a substantial shrinkage on stocks. The market was generally easy and competitive last week.

Manna.—Large flake was down to 32c. to 33c. per pound, while small was offered fairly freely on the basis of 18c. to 19c. per pound. The lower quotations failed to stimulate much demand for either variety of the item which has been more favorably priced of late in the primary market.

Roots

Aletris.—The market last Winter was strong and advancing, and at the present time it is substantially higher and generally stronger than it has been in recent weeks. Quotations were 38c. to 45c. per pound in view of the situation at the source.

Angelica.—Natural imported root was lower at 25c. to 27c. per pound, but no change in the twisted variety of the article was noted, the market being 30c. to 40c. per pound as to seller.

Echinacea.—Although the carryover has been small this year and the outlook for new collection has not been too encouraging. However, some quarters on spot saw fit to reduce quotations to the basis of 26c. to 27c. per pound, stating that their present cost would justify a market thereat.

Golden Seal.—Quotations were reduced late in the previous week to the basis of $2.95 to $3 per pound on whole, and $3.15 to $3.20 on powder. However, the situation is such that continued decline was not likely and a return of market strength was the general prognostication in local circles.

Helonias.—A sharp rise, based on present replacement cost, and also on the probable supply of the article next Winter, put the spot market to the basis of 65c. to 67c. per pound during the past week.

Ipecac.—More favorable replacement cost was reflected in lower spot quotations at $1.30 to $1.45 per pound for whole. Powder held at $1.50 to $1.55 per pound but the market was more competitive.

Jalap.—Powder was shaded to 20c. to 21c. per pound without there having been any change in the quotations on whole root. The movement into consumption was along lines suggestive of jobbing interest during the period under review.

Kava Kava.—A somewhat easier undertone was indicative of the competition that led quotations downward to the basis of 15c. to 16c. per pound last week.

Lady Slipper.—During most of last year, this item was subject to influences that kept prices advancing. Then came a short-lived period of easier undertones and reduction in values. Now has come a reversion to strength and last week the price was higher at 45c. to 46c. per pound.

Licorice.—Selected root in bundles was cheaper at 17c. to 18c. per pound, being based on a more favorable import position of the item. Other varieties of the article lacked quotable change but the understone was moderately easy.

Pink.—Quotations firmed up and then advanced to 42c. to 45c. per pound as it became more certain that no surplus supply would result from the collections made during the current season. Carryover stocks were moderate.

Sarsaparilla. — Mexican root was shaded to 19c. to 20c. per pound under competition on one hand, and absence of normal and well sustained consuming request on the other.

Serpentaria.—Quotations continued to move in favor of buyers and during the past week the market was reduced to the basis of 80c. to 85c. per pound as competition showed an expanding trend.

Seeds

Anise.—Prices on Sanish seed reverted to the basis of 12c. to 13c. per pound. It was a price movement dictated solely by the locally poor demand for the material.

Canary.—Prices were lower. Argentine seed was noted at 5⅞c. to 6¼c. per pound, Morocco, 6¼c. to 6¾c. and Turkish, 6c. to 6½c. Replacements were firmer.

Coriander.—Some danger of a total exhaustion of stocks being the result of the inability of importers to buy abroad on a guaranteed-to-pass basis was present and values on spot goods advanced. Morocco seed was noted at 8c. to 8½c. per pound, while the bleached material was quoted 9½c. to 10c.

Celery.—Small demand weakened prices and led values down to the basis of 17½c. to 18c. per pound as a purely local development on the item obtained from France. No change in quotations on India seed was reported.

Cumin.—More competition brought Algerian seed down to 9¾c. to 10¼c. per pound, while the Morocco item was also lowered to the same basis. Indian seed remained in nominal position.

Fenugreek.—A reversal of market trend was noted and spot quotations were off to the basis of 4½c. to 4¾c. per pound last week. The supporting element of demand, recently responsible for advancing quotations, was absent from the market last week.

Stavesacre.—Competition was keener and on the basis of the small consuming request at this time, some local sellers reduced quotations to the basis of 25c. to 26c. per pound.

Sunflower.—A firmer undertone developed in and quotations strengthened on the higher basis of 6¼c. to 6½c. per pound. Prospect of a substantial crop had eased values in the recent past but selling of future deliveries has been suffcient to eliminate weakness at the source.

Spices

Cassia.—Only buds were changed in price last week and the price on that item was reduced to 12c. to 12½c. per pound. Other kinds were generally steady, though demand was narrow.

Clove.—Prices were moderately easy and on the whole conditions were favorable for buyers with firm orders in hand. Demand was narrow.

Paprika.—Hungarian material was reduced to 21½c. to 22c. per pound and tended to move further in favor of buyers because of the excellent prospect for the new crop.

Peppers.—Black Lampong was higher at 6¼c. to 6½c. per pound, though the situation seemed to be more favorable to buyers than for sellers. White Java Muntok was noted at 10c. to 10½c. per pound on the basis of a firmer import position. Red Japanese chillies were set at 12¾c. to 13c. per pound on firmer advices from the primary market.

Trading in black pepper futures on the New York Produce Exchange from July 24 to July 30, inclusive, comprised 77 contracts, a total of 2,587,200 pounds. Following is a price record for the week:—

	Cents per pound		
	High.	Low.	Close.
January	6.35	6.25	5.99@6.10
March	6.40	6.22	6.10@6.18
May	6.55	6.30	6.20@6.27
July	6.66	6.30	6.30@6.34
September	6.20	6.10	5.80@5.90
December	6.30	6.05	5.95@6.05

Pimento.—Prices were steadier after the recent decline and during the past week a somewhat better inquiry caused sellers to hold firmer views on the basis of 11¾c. to 12c. per pound.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

Penick Seeks Quarters In New York Free Port

S. B. Penick & Co., botanical drugs, this city, is negotiating a lease for quarters within the Free Port on Staten Island. Application has been filed with the Department of Docks and if a satisfactory conclusion is reached, the Penick company will be the first tenant of the city at the Free Port.

The negotiations are being handled by Robert Starr Allyn, Deputy Dock Commissioner, who is not disposed at this time to make known the terms, rental, and area to be acquired by the Penick organization. It is the intention of the company to install equipment for drying, cleaning and preparing botanical drug merchandise brought here from the four corners of the world. The company does a large export business and as numerous crude drug items are dutiable under the tariff law of the land, such business will be economically and profitably expedited by the holding of such imports within the Free Port.

Chemurgic Research for South Is Recommended

WASHINGTON, July 26, 1937.

The senate committee on agriculture has favorably reported a bill (S. 2789), introduced by Senator Theodore G. Bilbo of Mississippi, authorizing the Department of Agriculture to establish a regional research laboratory in one of the Southern States to study better utilization of cotton and its products and eventually many other Southern agricultural products.

Before the laboratory may be established, one of the Southern States must donate suitable land and provide the sum of $250,000 for the construction of suitable buildings. After this is done, the bill would authorize the appropriation of $250,000 annually "to conduct at such laboratory research, experiments, investigations, tests, and demonstrations with respect to the chemical, physical, and physiological properties and utilization and preservation of cotton and its by-products, including cottonseed, cottonseed meal, cottonseed oil, cotton hulls, moats, cotton lint, and linters, and cotton stalks; and the collection, harvesting, preservation and industrial utilization of whole cotton as a raw material for the manufacture of cellulose, cellulosic materials, lignin, and lignin derivatives, etc., with a particular view to the development of wider uses of cotton by industry."

As funds are available this laboratory would also be directed to conduct similar research on rice straw, rice hulls, tung nuts, tung hulls, tung oil, peanuts, peanut oil, peanut hulls, sugarcane bagasse, palmetto fiber, sweet and Irish potatoes, and any other crop and its by-products that offer promising possibilities for new and wider industrial outlets for agricultural products.

Delta Chemical & Iron Company, Wells, Michigan, has adopted a group insurance program providing 150 employees with sickness and accident benefits. Employer and employees share the cost. Employees insured under the plan will receive benefits of $10 a week in case of sickness or non-occupational injury.

Essential Oils, Aromatic Chemicals

Native Cajeput Eases as Quality Improves—Java Citronella Higher —Peppermint Rises but Crop Reports Diverge Widely —Spearmint Advanced Moderately—Demand Quiet

To find the feature development in the essential oil and aromatic chemical market last week was to turn to the Middlewest and view the situation in peppermint oil. It was a situation substantially firmer at higher prices. Other items of importance included the general strength prevailing on all domestic oils, the confusion and uncertainty ruling on oils bought in French francs, the general strength of foreign citrous oils, and the generally quiet but reasonably steady demand flowing over the market as a whole.

Prices on peppermint oil were raised in the Middlewest and business was done at the advance. That much was confirmed fact. But the market reports from the country contained much that was unconfirmed, of uncertain dependibility as to facts, yet fraught with potential effect when, and if, such reports prove true. The information mentioned too much rain—and also just enough, but not ignoring declarations of too little moisture. Reduced acreage was alleged, in contrast with allegations of a normal planting coming to maturity. Subnormal oil yield per acre appeared in the dispatches, paralleled with reports that the yield was normal. Finally, some said 300,000 pounds of oil would be the limit this year, while others looked for about 900,000 pounds. The sole development confirmed as to its facts was that prices were higher.

The dollar value of the French franc in more distant future position was at a sharp discount over the prompt or nearby rate. Importers of French oils were disturbed over the uncertainty as to what their actual costs would be, the weak value of the franc being offset when foreign shippers increased the franc price to overcome its discounted value in dollars. Spot prices on French oils were unchanged.

Very good demand for citrous oils prevailed, but most of the call came for those operations under term contracts. New business was not very lively. The position of lemon and orange in Italy was one of substantial firmness, and the former was cheaper, oftentimes, on spot than abroad.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Almond, sweet, 5c. per lb.
Peppermint, natural, 15c. per lb.
redistilled, 10c. per lb.
Spearmint, 10c. per lb.

Reduced

Cajeput, native, 12c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as fololws:—

Last week.	Prev. week.	Last month.	Last year.
82.4	81.7	81.9	75.7

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—The market was exceptionally firm on the spot and quotations at 95c. to $1 per pound had a tendency to rise because of the fact that detention of imports has kept spot stocks from returning to normal size.

Anise.—Although the trouble between China and Japan directly affects only the northern section of the former country, the mere fact that there have been sanguinary clashes between the nationals of both countries has been enough to make sellers of anise reserved even though it is shipped from southern China ports.

Bergamot.—The market lacked change in price, while so far as demand was concerned, it was moderate to fair on spot at prices declared to be fully firm.

Bois de Rose.—Firm undertones and very steady prices on spot reflected a similar situation in the primary market. Demand was light but about normal in volume.

Cajeput.—An improvement in the situation in native oil led to the establishment of lower quotations at 56c. to 57c. per pound during the past week. No change in quotations on the U. S. P. oil were made. Demand was routine in all respects.

Cananga.—Hand-to-mouth business was sufficient to keep prices to a steady position, but insufficient to improve the market undertone. Stocks were of fair size and capable of supplying substantially more than the current requirements of buyers.

Capsicum (Oleoresin).—Fair trading was reported to have resulted in prices remaining firm and well maintained. Raw material costs have been mainly firm of late, thus holding steady the cost of producing the oleoresin.

Caraway.—Latest reports from Holland were to the effect that the crop of seed would be smaller than the estimate made earlier in the season. As yet, this has not affected quotations on oil but the values were generally firm last week.

Cassia.—Prices were steadier to firmer with sellers showing some reserve because of the situation prevailing between China and Japan in the Peiping area. This item is shipped from south China ports and hence is removed from the immediate sphere of warlike operations. Still, the mere fact that China and Japan have clashed in the north, was sufficient to stiffen potentially the articles coming even from southern shipping ports.

Cedarleaf.—Moderate demand was the rule and prices remained steady in keeping with the subnormal size of unsold stocks in the hands of spot dealers.

Citronella.—Java oil has strengthened at the source and on the spot quotations were higher at 45c. per pound in drums and 48c. in cans. Ceylon oil lacked quotable change but it was still the subject of considerable competition in local circles.

Clove.—Prices seemed to be somewhat steadier but the situation was still fairly competitive and it was not certain that the decline had run its course. Demand was reported to be about normal for the current time of year.

Erigeron.—Production seemed destined to be inconsequential this year and it appeared certain that comparatively high prices would have to be paid notwithstanding the very limited consumption of the material.

Eucalyptus. Quotations were firm in all quarters and there was a total absence of signs suggestive of any easing of the situation during the season of active consumption that is ahead. Shipment of oil was said to be well engaged ahead of arrival.

Geranium.—The position of the French franc has been productive more of uncertainty as to the future than of definite change in replacement costs. The franc was at a sharp discount in future positions but the tendency of shippers was to raise the price in francs to offset the dollar advantage accruing because of the weak franc.

Grapefruit.—A fair export interest, it was said, and with a fair and slightly improved domestic sale, the article was in somewhat firmer price position last week.

Lavender.—The future was uncertain and tied in closely with what may happen to the dollar value of the French franc. As yet, the decline in such value has not found reflection in spot quotations and some expect that values will hold if the crop prove not to be larger than the recent conservative estimates.

Lemon.—New business was not especially active, but the trade reported an excellent consumption on the part of those receiving goods under contract for the domestic material. Messina oil was distinctly firm in all markets, that on spot being cheaper, for the most part, than the material available for export in the primary market.

Orange.—Somewhat firmer undertones prevailed. Less price shading and a greater adherence to quoted prices was the rule. Consumption was running to a volume about normal for the article at this time of the year. Replacement costs in Italy were firm.

Palmarosa.—Quotations were generally on the firm side notwithstanding the unsettlement that might naturally result from the sharp discount of future delivery of French francs, compared with prompt or nearby exchange. The tendency abroad was to raise franc prices as their value in dollars dropped. Uncertainty as to the future prevailed.

Peppermint.—Except for the fact that prices in the country were definitely higher, with business having been done at the rise, nothing was certain about peppermint. All sorts of crop reports came from the Middlewest and their tenor ranged from doleful pessimism to pink-tinged optimism. Some reported too much rain; others, just enough. Others talked poor yield per acre on early distillations, and fairly normal experience was reported in some quarters.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

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Crop estimates were as widely divergent as were the other reports, ranging from as little as 300,000 pounds to as much as 900,000. Any figures reported at this time would be subject to confirmation later; the large operators who probably have a fair idea are saying nothing for publication. Buyers can accept with surety that prices have been advanced in the country. They were also higher on spot, natural being priced at $2.50 to $2.75 per pound, and the redistilled material standing at $2.75 to $3. It should be realized that so widely varying reports on other aspects of the situation were about in line with information received from the Middlewest each year at this time. However, at the present time, it seems likely that the 1937 crop will be less than last year.

Pineneedle.—The higher quotations scored during the previous trading period were well maintained in line with the prevailing cost to replace. Demand was moderate to fair. Stocks were not large.

Rose.—Acreage in Bulgaria amounted to approximately 6,100 hectares, producing a crop of 11,230,000 kilos of rose flowers, and rose oil to the amount of 2,850 kilos. Of the total oil produced, 950 kilos were distilled by private manufacturers and the remainder of 1,900 kilos were made by co-operation under control of the Agricultural and Co-operative Bank of Bulgaria. The quality of the 1937 crop was reported to be very good, being better than last year. Export figures in recent years were as follows:

	Kilos.
1936	1,864
1935	1,671
1934	1,218
1933	1,413
1932	919

Spearmint.—Quotations in the Middlewest were firmer, while on spot they were higher at $2 to $2.05 per pound. A fairly normal production has been predicted by factors in the primary market.

Tansy.—The outlook for small production continued to hold prices firm at a time when easier understones and somewhat lower quotations might be expected usually. Little demand was reported but sellers were firm, showing a disposition to conserve present stocks.

Aromatic Chemicals

Acetophenone.—Prices were well stabilized and subject to a demand having a steadying effect on the structure generally. Stocks were of a size sufficient to meet all probable needs.

Amyl Salicylate. — Trade was light, consisting mainly of jobbing calls in most instances, yet being sufficient to keep quotations generally stable and free from unusual competition.

Anethol.—Trouble between China and Japan has yet to affect the cost of raw material, and probably will not, unless warlike clashes between the two countries eventually influences production that is shipped from south China ports. Trade was quiet, with prices holding steady.

Cinnamic Alcohol.—Routine request was the general rule and the market undertones were mainly steady throughout the past week. Buyers bought close to actual requirements. Prices were steady.

Diphenyl Oxide.—Business was normal for this time of the year and volume was said to be very good on the whole. The undertone of the market was steady to firm, with supplies being fully up to the current takings of buyers.

Eucalyptol. — Prices lacked further change, but because of the firmness in raw material costs, values had a very steady tone and recent concessions in quotations were not expected to be extended.

Isoborneol.—So far as could be ascertained, no general supply of this article was available. A strictly nominal situation prevailed, the conditions failed to suggest an early change in that aspect of the market.

Linalool.—Business was somewhat less active. Buyers showed reserve, probably for the reason that present stocks were meeting manufacturing requirements. Prices held steady, reflecting the situation in replacement costs.

Methyl Acetophenone.—Fair demand, usually of jobbing size, was noted and on the whole the market was active only with moderate limits. Values appeared to be generally well stabilized at current levels.

Methylheptine Carbonate.—The call was small, conventional, yet steady during the past week. Undertones as related to prices were firm.

Musk.—Competition was fairly brisk and while quotations were no lower, they seemed to be reasonably soft and adapted mainly to meet reasonable price views of buyers consuming substantial quantities of the artificial article.

Nerolin.—Hand-to-mouth transactions were the rule and volume was generally low. Prices were inert, but were also called generally steady.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

New Crop Oil of Dill

An outstanding FRITZSCHE specialty and the choice of prepared food manufacturers and dill processors. Imparts the precise flavor character and aroma of true dill weed or kraut in the pickling of processed dills. In combination with dill weed, produces a better flavor in treatment of natural dills than when latter is used alone. Dependably uniform and economical. Take advantage of new crop oil by ordering your season's requirements NOW.

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Oils, Fats and Waxes

Fats and Greases

(Continued from page 43)

Liverpool, July 30.—Quotations per cwt. on tallow were as follows:—

	Choice. s.	d.	Fine, good mixed. s.	d.
Saturday	25	3	25	9
Monday	25	3	25	9
Tuesday	25	3	25	9
Wednesday	25	3	25	9
Thursday	25	3	25	9
Friday	25	3	26	0

Fatty Acids

Red Oil.—The market remained in a steady position, selling schedules being held by producers at the levels ruling in the previous week. Demand was generally limited to moderate quantities.

Stearic Acid.—Quotations were stationary and the tone of the market appeared to be steady. Consumers showed little disposition to purchase in advance of immediate or nearby requirements.

Markets at Other Centers

Chicago, July 30.—Most buyers of fatty acids are not anxious to purchase material beyond a moderate rate at this time.

Phenylacetic Acid.—Inquiry was moderately brisk, but the quantities needed by manufacturing consumers were comparatively small and, hence, not productive of a substantial volume of trading during the past week. Quotations remained very steady.

Phenylethyl Alcohol.—Quiet trading was the rule and considering general business condition, the volume raised during the week was of fair size, comparing favorable with that prevailing for some time past. On the price side, the market was generally stable.

Terpineol.—Fair price stability was the rule on the surface of the market, but private reports indicated that occasionally values as quoted had been subject to moderate shading when firm orders were in sight. Stocks were not excessive, however, and replacement costs were well maintained.

Essential Oils Freight Rate Advance Suspended

WASHINGTON, July 27, 1937.

The United States Maritime Commission has suspended proposed water freight rate schedules which would eliminate essential oils from lists of drugs, medicines, chemicals and related articles on which mixed carload rates apply.

The change, if permitted to become effective, would have established higher less-than-carload rates on small quantities of essential oils when shipped in mixed carloads with other articles on which the carload drug rate applies.

The suspension is effective from July 26, the date on which the proposed new schedules would have applied, until November 26, and the commission will undertake an investigation during that period to determine the lawfulness of the proposed change. The suspension continues the mixed carload provisions in effect during this time.

The schedules suspended were those filed by Calmar Steamship Corporation; Joseph A. Wells, alternate agent, and C. Y. Roberts, agent.

Michigan Mint Group Appoints Chew Agent

Michigan Peppermint Growers, Inc., St. Johns, which has as membership a number of growers in that district, has appointed, as exclusive Eastern distributor, John A. Chew, Inc., manufacturers' agent, 60 East Forty-second street, this city.

John A. Chew has been prominently identified with the sale of chemicals for more than thirty-five years. Previous to the formation of his company in 1932, he was affiliated with the Swann Chemical Company in an executive sales capacity, having resigned as vice-president of Westvaco Chlorine Products to join the Swann company in 1930. His early sales experience in the chemical industry was gained in 1905 with the Powers-Weightman-Rosengarten Company, which was absorbed by Merck & Co. in 1927.

Unfavorable weather conditions, Mr. Chew said, has greatly retarded the domestic crop of peppermint oil. The domestic product, he added, contains a minimum of 50 percent menthol.

Still, the total amount of a considerable number of such orders is making a rather good showing.

FATTY ACIDS.—Corn oil, double distilled, 8c. to 8¼c. per pound, tankcar; 8½c. to 8¾c., barrels, car lots; 9c. to 9¼c., barrels, less than car lots; coconut oil, acidulated, 8¾c. to 9c., tankcar, mostly nominal; 9¼c. to 9½c., barrels, car lots; 9¾c. to 10c., barrels, less than car lots; cottonseed oil, double distilled, 8c. to 8¼c. per pound, tankcar; 8½c. to 8¾c., barrels, car lots; 9c. to 9¼c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 3⅞c. to 4c.; boiled down soap stock, 65 percent basis, 4⅞c. to 5c.; cottonseed foots, 50 percent basis, 2⅝c. to 2¾c.

STEARIC ACID.—Single press, distilled, 12c. to 13c. per pound; double press, 12½c. to 13½c.; triple press, 15¼c. to 16¼c

RED OILS.—Distilled or saponified drums, 11⅜c. to 12⅜c. per pound; barrels, 11½c. to 12½c.

Waxes

Bees.—Some sellers reported a softer market on African wax, but others were not in agreement and reported firm maintenance of quotations on the basis of 27½c. to 28c. per pound as a minimum figure. Prices on white bleached and on yellow refined wax were steady to firm, being well held by production cost and the presence of very fair consuming request.

Candelilla. — Undertone was somewhat firmer in sympathy with the stronger situation prevailing in carnauba wax in recent weeks. However, demand was not too active and values were held free from quotable change.

Carnauba.—Higher prices in Brazil and an spot have not stimulated buying on the part of the leading manufacturing consumers. Most sellers reported trade to be somewhat irregular and not productive of a substantial volume of transactions. Regardless of demand, Brazil continued to show all its recent strength, and, in addition, an independence of price view that showed the shippers' present ability to await the broader demand they expect will come later on. Most sellers on spot still showed reserve in making unsolicited offerings, preferring to treat each inquiry on its merits, and in accordance with conditions prevailing when received. Spot prices, on all best chalky wax, were slightly more favorable than had prevailed on the strictly nominal basis in effect at the close of the previous week, being the result of poor local demand. Quotations were as follows:—No. 3 chalky, ton lots, 38¾c. to 39c. per pound; 5 bag lots, 39¼c. to 39½c.; 1 bag lots, 39½c. to 39¾c.; No. 3 North Country, the same as chalky; refined, 42¾c. to 43c.; No. 1 yellow, ton lots, 47c. to 47½c.; 5 bag lots, 47½c. to 48c.; 1 bag lots, 48c. to 48½c.; No. 2 yellow, 45½c. to 46c.

Japan.—Clash of the men at arms of China and Japan raised the question of what effect larger consumption in Japan might have on prices for this article if war in the North of China should broaden into a general conflict on a widespread front. Some talked of an advance, while others said that real war would break Japanese exchange and thus affect the cost of war. In the meantime, the spot market remained inert as to demand and movement of prices.

Marihuana Bill Passed

WASHINGTON, July 26, 1937.

Congressional action was completed today on the marihuana bill (H.R.6906) setting up a system of Federal taxation and regulation of the production of and dealings in habit-forming derivatives of the Indian hemp plant. The senate last Thursday passed the bill with minor amendments recommended by its committee on finance, and the house today accepted these amendments and sent the bill to the President. The bill was proposed by the Treasury Department and was amended to meet objections of hempseed oil dealers and crushers and others interested in the non-habit-forming derivatives of the plant.

Warwick Chemical Appoints

The Warwick Chemical Company, Providence, R. I., has appointed Harold W. Rose as general sales manager of its Impregnole Water-Repellent Division, this city. Mr. Rose was formerly sales manager of the chemical division.

E. F. Kindevater, of the Phillips Petroleum Company, Bartlesville, Okla., has been appointed chairman of the American Petroleum Institute's topical committee on materials.

Petroleum Solvents, Lubricants, Fuels

Refined Products for Industrial Use Move Into Consumption at Slow Pace — Gasoline Prices Unchanged — Crude Output Increased—Solvents Continue Steady

Petroleum raw materials for industry moved into consumption at a slow pace. Reports from nearly every quarter indicated that the dullness of the Summer months was being felt to the fullest degree. Petroleum solvents were reported as having moved a little better in the Midcontinent and Middle Western refinery markets, but the Eastern seaboard sector did not share in this improvement and the market here was spotty at best.

Wax continued of commanding interest. Refiners were fairly well sold ahead on their production and while there were no further advances in prices at the Eastern seaboard last week, the market was very firmly established and many observers predicted higher prices over the next thirty or forty days.

Competitive influences in the Middle West took some of the firmness out of the gasoline market last week. Midcontinent refiners were holding prices but hopes for a higher market were dissipated by the softened condition of the tankwagon markets.

Congressional approval of the renewal of the oil conservation compact between Oklahoma, Texas, Kansas, New Mexico, Illinois and Colorado was given last week. The compact, which had been in effect for almost two years, was to have expired September 1.

Daily average production of crude oil in United States for the week ended July 24 was estimated at 3,576,400 barrels, an increase of 18,450 barrels over the preceding week, according to the American Petroleum Institute. The average for four weeks ended July 24 was 3,545,200 barrels and the average at this time a year ago was 2,960,950 barrels. Runs of crude to stills averaged 3,089,000 barrels for 84.7 percent of refinery operation, according to the reports to the A.P.I. from companies controlling 88.9 percent of the nation's refinery capacity. There were 291,000 additional barrels estimated to have been sent to stills by companies not reporting for an estimated run of 3,380,000 barrels, against 3,415,000 barrels in the preceding week. Crude oil stocks were 307,139,000 barrels July 17, against 307,255,000 barrels July 10, according to the Bureau of Mines.

Solvents and Diluents

The demands for supplies of petroleum solvents and naphthas were reported to have improved last week at the Midcontinent and Middle Western refinery areas, but the demands in the Eastern seaboard sector were still very spotty. Refinery market prices for tankcar lots were in a steady position at unchanged figures. The only change in the tankwagon market was in the Bound Brook and Perth Amboy, N. J., area, where petroleum thinners were advanced in price.

Cleaners' Naphthas. — The tankcar market at the Midcontinent refinery district was in a first place at the prices that have been quoted without change for some time. Reports from the Southwest indicated the presence of some improvement in the demand last week.

Petroleum Thinners.—There was no change in prices at the bulk markets in the East or in the Midcontinent and latest reports from the Pacific Coast refineries indicated a steady market there. Tankwagon prices were advanced in the Bound Brook and Perth Amboy sector of New Jersey, July 23, to 13½c. per gallon less 2c., or a net of 11½c. per gallon.

Rubber Solvents. — There has been some diminution of ordering by the tire manufacturers, but the trade believed that normal ordering would be resumed within ten or fifteen days, after the annual task of inventories had been dispensed with by the tire people. Prices continued unchanged.

Stoddard Solvent.—The market continued without change, other than a little improvement in the demands. There has been no shift in prices during the past several weeks.

V. M. & P. Naphthas.—Tankwagon markets throughout the East and Middle West were held in a steady position and a similar condition was reported in the refinery markets, where some improvement in the demands for replacement supplies was reported last week. This improvement was particularly noticeable in the Midcontinent and Western refinery markets. Eastern refiners continued to report spottiness.

Markets at Other Centers

Chicago, July 29.—The petroleum solvents and diluents looked to be in firm market position, and buying was reported to have been picking up here and there. On the whole, however, the volume continues at levels that are making a good comparison with those noted for some time. Prices were firm. Ruling prices in tankcar lots except as noted are (tankcar prices f.o.b. Group 3 Oklahoma):—Blending naphtha, 5c. to 5¼c. per gallon; cleaners' naphtha, 7⅜c. to 7½c., tankcar; 17.1c., tankwagon; petroleum spirits, 6⅜c. to 6½c., tankcar; 15.8c., tankwagon; lacquer diluents, 8⅜c. to 8½c.; rubber solvent, 7⅜c. to 7½c.; Stoddard solvent, 6⅞c. to 7c., tankcar; 15.6c., tankwagon; v.m. & p. naphtha, 7⅜c. to 7½c., tankcar; 16.1., tankwagon.

Tulsa, July 29.—Solvents demand steadied after a slight drop last week. Stoddard is still at 6⅞c. to 7⅜c. per gallon, and V.M.P. is holding at 7⅜c. to 7⅞c. per gallon. Lacquer diluents are selling at 8⅜c. per gallon, while the mineral spirits range from 6⅜c. to 6⅞c. per gallon.

Lighter Fractions

Steadiness continued to surround the market for light gaseous hydrocarbon solvents. The stability of the market was perhaps the foremost characteristic of commodities included in this division. According to the latest reports from the producers, consumption by industrial users was more or less normal for this time of the year.

Butanes.—The market's position had not changed for some time back. Producers continued to quote 2¼c. to 3¾c. per gallon for tankcar quantities, f.o.b. Group 3.

Heptanes.—Routine demands continued throughout the week under review. The prices have not been touched for the past few weeks with 8½c. per gallon named for tankcars of 77-115 degree material, f.o.b. Group 3.

Octanes.—Tankcars of this mixture held at 10c. per gallon, the figure established by the producers in the Midcontinent sector a few weeks back.

Petrolatums and Waxes

White Mineral Oils.—The movement of U.S.P. oil into consumption continued at a very mild pace. The orders were mostly against contracts and were mainly for a few drums at a time. The technical oils were also in moderate demand. Prices held in a fairly steady position throughout the list.

Paraffin Waxes.—The market held its advance of the preceding week but sellers did not mark up their quotations further. The 122-124 a.m.p. scale wax was 2.95c. to 3c. per pound and 124-126 a.m.p. was held at 3c. to 3:05c. per pound. Inquiries were fairly active but many of the requests for quotations were believed to be buyers' efforts to shade the prices. Fully refined waxes were firm and also unchanged.

CHICAGO, July 29.—The refined wax market has been in rather good position recently. Trade has been holding at a relatively high rate, and sellers are not inclined to modify their price positions. Buyers are sending along orders at a good rate. Both export and domestic trade have been quite active. Ruling prices were:—122-124, 4.65c. to 4.75c.; 125-127, 4.9c. to 5c.; 127-129, 5.05c. to 5.15c.; 130-132, bulk or bag, 5.45c. to 5.55c.; 132-134, bulk or bag, 5.7c. to 5.8c.

TULSA, July 28.—The market here was still tight. Many plants were sold up on their production for some time ahead. Nominally, quotations were around 3½c. to 3¼c. per pound for scale wax. Inquiries continued active.

Petrolatum.—Steadiness continued in the market despite light trading. All suppliers were holding prices firmly and there has been no evidence of shading for a long while. The volume moving out of the refinery points was light now, but was expected to register improvement over the next thirty days.

Fuels and Lubricants

Pennsylvania lubricating oils received some support last week and the falling trend in the market was halted. The lowered prices of a week ago attracted the interest of some of the big companies and a wave of buying orders placed a different complexion on the market. There was no advances, but the market was stronger than it was a week ago. Gasoline held a steady position all week and buying was fairly good. Export purchasing was active.

Tankwagon Price Changes

ATLANTIC CITY, N. J.—Tankwagon prices for kerosene advanced ½c. per gallon to the basis of 9c. by the Standard Oil Company of New Jersey, July 26.

BUFFALO-ROCHESTER. — Standard Oil Company of New York advanced gasoline in all methods of delivery ½c. per gallon July 29 in Buffalo and Rochester.

NEWARK.—Tankwagon prices for kerosene advanced ½c. per gallon to the basis of 9c. by the Standard Oil Company of New Jersey, July 26.

Market Conditions

Gasoline.—There was a little below 65 octane material reported moving below 7¾c. per gallon, basis refinery, but the volume at the lower prices was not sufficient to cause any real weakness in the market and, according to reports, there was more material moved at 7¾c. per gallon than there was at a lower price. Consumption continued in very good fashion. The export movement was also good and prices at the U. S. Gulf were held steady at 6½c. per gallon for U. S. motor; 60-62, 400 e.p. at 6½c. per gallon; 60-62, 390 e.p., 6¼c. per gallon, and 64-66, 375 e.p., at 6⅜c. per gallon.

Kerosene.—Prices in the local bulk market continued unchanged last week and refiners quoted 6c. to 6⅛c. per gallon for tankcar lots of 41-43 water white material at the refineries. The demands of the market were not overly active. The Gulf export market was steady at unchanged quotations of 4¾c. to 4⅞c. per gallon for prime white and 5c. to 5⅛c. per gallon for water white.

Fuel and Gas Oils.—The heavy oil market did not show much of a change in position last week. Marine demands for bunker oil were routine and quotations for C grade continued at $1.35 to $1.50 per barrel, according to the seller. The market for Diesel oil was also unchanged last week.

Lubricating Oils.—The precipitating position of the Pennsylvania oil market was given a little support in the form of buying last week. The lowered prices brought some buying action on the part of the big companies last week and while there were no advances in price, the market appeared steadier than it was a week ago.

Markets at Other Centers

Tulsa, July 29.—With the exception of heating oils, which have become exceptionally tight, there was little change in the gasoline market this week, competitive conditions, which provoked a one-half cent tankwagon reduction in one of the mid-west territories last week, continued, discouraging those who had hoped to see a rise in tankcar and tank-wagon prices. Natural gasoline remained steady, but the softness which developed last week in lubricants continued, although there was no drop in prices.

Refiners generally seemed indifferent toward inquiries for fuel oils, and as a result jobbers endeavoring to build up inventories against the coming Fall and Winter demand have found it difficult. One broker who had an order for 50 cars of prime white material was able to get only 10, while another had to let an order for 25 cars of No. 2 straw go unfilled because he was unable to find a refiner willing to sell at current quotations. While no actual price advances have been reported, the entire list of furnace oils is strong.

Unprecedented gasoline consumption continued, but little hope is held for a rise in price, although some observers saw encouragement in a one-half cent consumer tankwagon advance in Kansas and western Missouri by one of the major companies. However, the increased allowable for August in Texas caused a feeling of uneasiness, and, while there have been tremendous reductions in gasoline stocks from week to week, there is a general feeling that they have not been large enough to bring these stocks in line with actual requirements. It is also feared in some quarters that the big prospective demand for heating oils may hurt the gasoline market since refiners may concentrate on the production of these oils without regard to the large amount of gasoline which must necessarily be produced at the same time. In addition, Labor Day, which generally marks the end of the heavy consuming season, is only six weeks away.

The demand remains steady for natural gasoline, although jobber buying is still light, the principal demand coming from refiners and the export trade. One cargo order for 20-pound material was booked late last week, and one for 22-pound a few days before.

Following are the approximate quotations for refined products traded in the mid-continent fields on the basis of group three quotations:—

GASOLINE.—U. S. motor and 60-62 end point of 62 octane and below is selling at 4⅞c. to 5c. per gallon, while the 63 to 67 octane is 5⅜c. to 5½c. per gallon and the 68-70 octane grade is 5⅝c. to 5⅞c. per gallon in the spot resale markets.

NATURAL GASOLINE.—Prices were unchanged and still strong. The 26-70 basic grade is still at 4c. per gallon in Oklahoma and 4½c. in Texas, while the 18-pound remains at 4⅞c. in Oklahoma and 5c. per gallon in Texas. The 22-pound grade is still quiet with the 10 percent premium.

KEROSENE.—This market shared in the strength of the heavier distillates, with prices still up to 4¼c. per gallon in some places. The 42-44 grade ranges from 4¾c. to 4⅞c. per gallon.

DISTILLATES.—The market is still firm, No. 1 prime white going at 3¾c. to 3⅞c. per gallon, while the No. 1 straw to No. 2 is selling at 3½c. to 3¾c. per gallon. Gas oil remains at 3¼c. to 3½c. per gallon.

FUEL OILS.—The market is tight and, though supplies appear to be adequate, refiners do not seem willing to sell at present prices, apparently preferring to wait until the approach of the fall and winter season sends the demand even higher. Prices are unchanged, the 24-28 grade low cold test remaining at $1.07½ to $1.12½ a

Outputs and Quotas

A comparison of Bureau of Mines calculations for July production, state allowable quotas where they exist and the American Petroleum Institute's estimate of crude production for the week ended July 24 follows:—

	B. of M. Dept. of Int. calculations.	State allowable.	Estimated output.
Oklahoma ..	629,700	629,700	637,250
Kansas	195,600	195,600	204,450
Texas	1,375,100	1,385,476	1,419,400
Louisiana ...	253,000	263,850	259,100
Arkansas ...	28,490	.....	28,200
Eastern	122,100	.....	121,450
Michigan ...	39,800	.....	44,950
Wyoming ...	52,900	.....	53,200
Montana	16,200	.....	17,600
Colorado	4,700	.....	5,350
New Mexico.	100,800	114,500	114,450
California ..	605,500	*605,500	671,000
Totals	3,423,800	.....	3,576,400

* Recommendation of Central Committee of California Oil Producers.

The State of the Petroleum Market

There were no changes in crude oil prices last week. Gasoline was unchanged at the Midcontinent and other refinery points.

	July 30	July 23	Last Year
Crude petroleum prices at well (average for ten fields) per barrel.....	$1.399	$1.399	$1.286
Gasoline prices at refineries (at four refining centers) per gallon.....	.056875	.056875	.0555

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

SHERWOOD'S WHITE OILS
GUARANTEED QUALITY — ALL GRADES
SHERWOOD PETROLEUM COMPANY, INC.
REFINERY — WARREN, PA. MAIN OFFICE — BUSH TERMINAL, BROOKLYN, N. Y.

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1937 Jan. 1-July 31	1936 Jan. 1-July 31
Commercial crude oil production	721,149,000	612,716,000
	Week ended July 31, 1937	Week ended Aug. 1, 1936
Daily average production	3,566,100	2,950,300
	Week ended July 24, 1937	Week ended July 17, 1937
Estimated motor fuel stock total	72,020,000	72,546,000
Estimated finished motor fuel stock at refineries	41,123,000	41,747,000

barrel, while the high cold test is still 90c. to 95c. a barrel. Residuals are firm at 50c. to 85c. per barrel.

LUBRICANTS.—The market steadied after last week's reduction, and there was no further change in prices. The 100 15-25 pour remained at 16c. per gallon with 1c. differential for the other grades except the 150 grades, where there was only a ½c. differential. The 190 "D" 15-25 still tops the market at 22c. per gallon. Blended oils are selling from 11.8c. to 19c. per gallon.

Chicago, July 29.—The extremely high level of consumer gasoline demand is forcing trade orders to hold quite high levels. Shipments from refineries accordingly are brisk. The trade is inquiring for more material in spot transactions, and is buying in that method fairly well. Tone of the spot gasoline market is tight, and no gasoline, to speak of, is being offered at cut prices in the tankear trade. The tankwagon market continues to be full of irregularity. Kerosene is in moderately good demand, with tractor fuels. Heating oils continue seasonally dull. The heavy fuel oil demand is coming back fairly well now. Industrial gas oil remains scarce. Lubricating oils have eased a bit, but demand is still good.

GASOLINE.—Low octane motor, 5c. to 5¼c. per gallon; middle octane motor, 5⅜c. to 5⅝c.; high octane motor, 6c. to 6¼c.; 60-62, 400, 5c. to 5¼c.; 64-66, 375, 5c. to 5¼c.; 68-70, 360, 5¼c. to 5½c.

KEROSENE.—42-44, water white, 4¼c. to 4½c. per gallon; 41-43, water white, 4c. to 4¼c.

FURNACE OILS.—No. 1 white, 3⅞c. to 4c. per gallon; No. 1 straw 3⅝c. to 3¾c.; No. 2 straw, 3½c. to 3⅝c.; No. 2 dark, 3¼c. to 3⅜c; No. 3, 3ffic. to 3¼c.; 32-36, dark, industrial gas oil, 3c. to 3⅛c.

FUEL OILS.—No. 4, $1.05 to $1.12½ per barrel; No. 5, 85c. to 90c.; No. 6, 80c. to 85c.

New Orleans, July 27.—A steady domestic market was again noted during the past week, with no change in previous quotations. Foreign inquiries and exports continued good. U. S. motor gasoline was quoted at 6½c.; U. S. motor below 62 octane at 6½c.; 63-67 octane at 6⅞c. and 68-70 octane at 7¼c.—all at refinery.

Kerosene was quoted at 7⅜c. per gallon at refinery.

Bunker C fuel oil continued to be quoted at $1.05 per barrel at terminal and $1.10 per barrel delivered alongside, while industrial plants were quoted on a basis of $1.46 per barrel, delivered.

Petroleum Expositions Recognized by House

WASHINGTON, July 26, 1937.

The house has passed and sent to the senate two resolutions to give official status to the Oil World Exposition in Houston, Texas, October 11 to 16, 1937, and the International Petroleum Exposition in Tulsa, Okla., May 14 to 21, 1938. The resolutions carry no appropriations, but suggest the President to invite the States of the Union and foreign countries to participate in both expositions with exhibits and permit the duty-free importation of exhibits and materials for housing them, with the provision that all duties become applicable if such articles are sold.

Oil Compact Extension Is Favored by Congress

WASHINGTON, July 29, 1937.

Both house and senate have approved a two-year extension of the interstate oil compact. The house acted today and the measure now goes to the White House.

Ratification of the extended compact for an additional two years beyond September 1, 1937, the present expiration date, was recommended to congress by President Roosevelt in a special message last week. The committee reports stated that the compact enabled the oil producing States—New Mexico, Kansas, Alabama, Illinois, Colorado, and Texas—acting together to conserve this natural resource, prevent its waste, and aid the petroleum industry to achieve a stable situation. They pointed out that the compact definitely states that nothing in it would authorize the States to limit the production of oil or gas for the purpose of stabilizing or fixing the price thereof, to create a monopoly, or to promote regimentation.

Antiknock Agent Freight Set

The operation of proposed higher freight rate schedules on antiknock compound, in tankcars, via Seatrain to the Southwest has been suspended by the Interstate Commerce Commission pending a hearing in the case. The rates were to have gone into effect July 22, but have been postponed until February 22, 1938.

Clinger Heads Crude Oil Group

W. F. Floyd Clinger, president of the Clinger Oil & Gas Company, and president of the Warren-Forest Oil Producers' Association, has been elected president of the Pennsylvania Grade Crude Oil Association.

Obituaries

(Continued from page 32)

Dr. P. E. Brown, secretary-treasurer of the American Society of Agronomy, and head of the department of agronomy of the Iowa State College, died in his home in Ames, Iowa, July 7. He was fifty-two years old. Dr. Brown was born in Woodbridge, N. J., and for a time had been associated with Dr. J. G. Lipman at Rutgers University.

William G. Buck, of the Buck Glass Company, Baltimore, was drowned July 25 while cruising in the Patapsco river with two friends in a skiff equipped with an outboard motor. The motor became overheated and the men attempted to change positions, overturning the skiff. Mr. Buck attempted to swim to shore but failed. He was thirty years old and leaves a wife and infant daughter.

Charles Courbis, assistant stillman at the Gulf Oil Refineries, at Girard Point, near Philadelphia, lost his life July 25, when fire started in a gasoline distilling apparatus on which he was at work. He raced to the top of the still, but was forced to climb down a ladder through sheets of flame. Part way down he fell. He died four hours later from burns and injuries received in the fall.

Charles H. Livingstone, mining engineer, died in Denver, Col., July 23. He was eighty-three years old. Mr. Livingstone was a native of Plympton, Mass.; was educated in Boston schools and later at the University of Freiberg, Germany. For many years he was in the service of the American Smelting & Refining Company. He was a member of the American Institute of Mining and Metallurgical Engineers.

Marshall M. McGehee, for twenty years a traveling sales representative for the National Drug Company, Philadelphia, died in his home in Clarkston, Ga., July 17. He was eighty years old. Surviving are his wife, two sons and two daughters.

Mrs. Ella Francis Phillips, widow of Dr. Charles E. H. Phillips, one of the former owners of the Charles H. Phillips Chemical Company, of this city, and with a plant in Stamford, Conn., died in her home in Glenbrook, near Stamford, July 26. She was eighty-three years old. Mrs. Phillips gave to her home town the Girl Scout Home, the Glenbrook Library, and the Phillips Memorial Chapel of the Union Memorial Church.

Glenn Short, employed in the plant of the Davison Chemical Corporation, Baltimore, was fatally burned the night of July 22 when he fell into a vat of cooling sulphuric acid. No one was around to aid him. He dragged himself out of the vat, but died of his burns. He was forty-six years old.

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drugs act or did not comply with other customs regulations included the following articles for the reasons stated:—

New York

Week Ended July 28

Chlorophyl, technical, 1 case; restricted use.
Codliver oil, 661 drums; Not U.S.P.
Coriander seed, 300 bags; filthy.
Cumin seed, 112 bags; filthy.
Ergot, 16 drums; excessive moisture.
Eucalyptus oil, 20 drums; restricted use.
Gentian root, 115 bales; excessive moisture.
Gum arabic, 150 bags; not U.S.P.
Gum benzoin, 50 cases; not U.S.P.
Jalap root, 42 bags; deficient in resins of jalap.
Medicinal preparation, 6 cases; false therapeutic claims.
Nutmegs, technical, 594 bags; restricted use.
Nutmegs, 30 cases; moldy.
Orange flower water, 99 carboys, 5 drums; excessive non volatile residue.
Poppy seed, 100 bags; filthy.
Red color, 2 casks; restricted use.
Thyme leaves, 40 bags; contains worthless thyme.

Cargo Ship Arrivals

July 24 to August 6

New York

Agwistar	Vera Cruz*	July 27
Amapala	La Ceiba	Aug 6
American Banker	London	Aug 2
American Farmer	London	July 27
American Importer	Liverpool*	July 26
Aquitania	Southampton	Aug 3
Argentino	Santos*	July 30
Atlantida	La Ceiba	July 30
Bajamar	London	Aug 2
Baron Ramsay	Huelva	July 24
Bestik	Trinidad*	July 24
Black Falcon	Rotterdam*	July 27
Black Heron	Rotterdam*	Aug 1
Black Osprey	Rotterdam*	July 26
Boniface	Para	July 25
Borinquen	Trujillo*	Aug 2
Bremen	Bremen*	Aug 2
Bretagne	Villa Constitucion	July 24
Calamares	Santa Marta*	July 28
Californian	Seattle*	Aug 5
Cameronia	Glasgow*	Aug 1
Canadian Conqueror	Auckland*	July 23
Capillo	Buenos Aires*	Aug 2
Carabobo	Curacao*	July 26
Caracas	Curacao*	Aug 2
Canto	Tampico	Aug 2
Charles Christensen	Longview*	Aug 2
Chateau Thierry	San Francisco	Aug 4
Chinese Prince	Batavia*	July 26
City of Batavia	Beira*	Aug 2
City of Dalhart	Bais*	Aug 1
City of Sydney	Calcutta*	July 24
Clara	Algiers	July 27
Coamo	Trujillo*	July 26
Coldbrook	Buenos Aires*	July 28
Colombia	Cristobal*	Aug 2
Crispin	Bahia*	Aug 4
Cristobal	Cristobal*	Aug 2
Cubano	Buenos Aires*	July 29
De Grasse	Havre*	July 31
Delaware	Oslo*	Aug 5
Eberstein	Capetown*	July 24
Eleanor Christenson	Portland*	July 28
Exiria	Salonica*	Aug 2
Exmour	Genoa*	July 24
Exochorda	Beirut*	Aug 4
Fernhill	Manila*	Aug 3
Flora	Curacao*	Aug 2
Fort Amherst	St Pierre*	Aug 5
Fort Townshend	St Pierre*	July 29
Georgic	Havre*	Aug 2
Giulia	Algiers*	July 31
Gretvale	Marseilles*	Aug 2
Guayaquil	Port au Prince*	July 26
Hansa	Hamburg*	July 30
Herman Frasch	Longview*	July 28
Henry S Grove	Mombasa*	July 28
Hokkai	Manila*	July 27
Independence Hall	Dunkirk	Aug 4
Innaren	Skutskar*	July 27
Irland	Reni*	July 24
Iroquois	Vera Cruz	Aug 6
Jean Jadot	Antwerp	July 30
Kalinin	Leningrad*	July 24
Kamikawa	Yokohama*	July 28
Kersten Miles	Hernosand*	July 26
Kirishima	Manila*	July 25
Kota Radja	Macassar*	Aug 3
Kwanto	Manila*	Aug 6
Leguria	Bahia	Aug 2
Magdapur	Calcutta*	July 28
Manhattan	Hamburg*	Aug 5
Manuela	San Juan	Aug 2
Medea	Curacao*	July 26
Memphis City	Honolulu*	July 29
Milos	Gefle	July 29
Minnequa	Gothenburg*	July 31
Munargo	Havana*	Aug 5
Muncaster Castle	Yawata*	July 25
Musa	Puerto Barrios*	Aug 5
Nerissa	St Thomas*	July 26
Normandie	Havre*	Aug 2
Oregonian	Astoria*	Aug 2
Oriente	Havana	July 30
Orizaba	Vera Cruz*	Aug 3
Panaman	Astoria*	July 29
Pastores	Cristobal*	July 26
Paul Luckenbach	Seattle*	Aug 6
Pennland	Antwerp*	Aug 3
Pennsylvania	Portland*	Aug 3
Peten	Port Limon*	Aug 1
Peter Kerr	Portland*	July 31
Platano	Puerto Barrios*	July 29
Ponce	San Juan	July 27
President Garfield	Kobe*	July 29
President Roosevelt	Hamburg*	July 31
President Wilson	Manila*	July 29
Quirigua	Port Limon*	July 23
Republic	San Francisco*	July 24
Rex	Genoa*	Aug 5
Rosario	San Juan	July 27
Sahale	Seattle*	Aug 6
Samaria	Liverpool*	Aug 3
Sandown Castle	Beira*	Aug 3
San Jacinto	San Juan	Aug 3
Santa Inez	Valparaiso*	Aug 3
Santa Lucia	Valparaiso*	July 27
Santa Paula	San Francisco	July 28
Sarcoxie	Havre	Aug 3
Scanmail	Copenhagen*	Aug 2
Scanpenn	Stockholm*	July 29
Schodack	Havre*	July 25
Seatrain Havana	New Orleans*	Aug 2
Seatrain New York	New Orleans*	July 27
Sessa	Valparaiso*	Aug 6
Silverview	Batavia*	Aug 5
Snestad	Manila*	July 30

Fertilizer Materials

Sulphur and Pyrites

(Continued from page 53)

scrap are reported here, with producers holding for $4 and 10c. per unit-ton, at factory.

TANKAGE.—$3.60 and 10c. to $3.65 and 10c. per unit-ton, c.a.f. basis Baltimore.

BLOOD.—$3.60 to $3.70 per unit, c.a.f. basis, Baltimore.

SUPERPHOSPHATE.—$8 per ton for run of pile, and $8.50 per ton for 16 percent milled and screened stocks.

BONE.—$36 to $38 per ton for 4½ and 50 raw stocks and 3 and 50 steamed stocks at $29 per ton, while lower grades held at $25 per ton, c.i.f.

Chicago, July 29.—Tone was reported to be rather along easy lines in the fertilizer materials at this time. Buyers are inclined to sit back and await developments. Actual price changes have been few, however. Sellers are not of a mind to dump material out for movement at any price. Accordingly, there is something of a standoff in the present situation. Blood is bought sparingly at this time. Tankage business is reported to be rather slow and to be marking time, as regards any new developments. Bone materials show no substantial change here.

BLOOD.—Principal grade, $3.15 to $3.20 per unit of ammonia.

TANKAGE.—High grade, $3.20 to $3.35 and 10c.; low grade, $22 to $23; liquid stick, $2.60 to $2.75; hoof meal, $3.50 to $3.70.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $23 to $24; 3 and 50 percent, $25 to $27; 4½ and 50 percent, $29 to $30; grinding hoofs, pigs' toes and waste horn materials, $24 to $26; junk and hotel kitchen bones, $21 to $22; cattle jaws, skulls and knuckles, $34 to $35; pork cracklings, soft pressed, $50 to $55; beef cracklings, soft pressed, $45 to $50; hard pressed cracklings, per unit of protein, 75c. to 80c.

San Francisco, July 27.—There isn't much interest in the fertilizer trade here at the moment. Conditions are continuing to rule in a quiet fashion and buying is very light, mostly being confined to oddlot sales of organics, such as fish meal, blood, bone and tankage. It is a trifle difficult to place definite quotations on the latter, the market being mostly a matter of the moment, according to the presence of material, buyers and sellers. Offerings on Japanese fish meals have been scarce lately. As to chemical fertilizers, there has been a smattering of interest in sulphate of ammonia since the price was upped, but the trade for the large part covered before the rise. Only some fill-in lots have been bought. Ammonia phosphate has seen a light interest and superphosphate is only routine.

Ruling prices were:—

NITRATE OF SODA.—100-pound bags, $29 per ton; 200-pound bags, $28.30 per ton; bulk lots $27 per ton, all ex vessel San Francisco-Oakland.

SULPHATE OF AMMONIA.—Quoted at $31.50 per ton, f.o.b. cars, in 100-pound bags, San Francisco and Los Angeles harbor and $32.50 per ton, delivered inland California points, excepting Imperial Valley and San Diego county. Latter points, $33.50 per ton. Prices in effect for delivery to end of June, 1938.

AMMONIA PHOSPHATE.—Quoted at $41 per ton, single bags; $41.50 per ton, paper-lined bags, f.o.b. cars, San Francisco; basis 16 percent N., 20 percent P.A. Inland points, delivered, $1 per ton extra.

SUPERPHOSPHATE.—Domestic quoted at 75c. to 80c. per unit in bulk, f.o.b. San Francisco and Los Angeles harbor. Bags, 85c. to 90c. per unit. Foreign material, nominally quoted at 90c. per unit in bags, c.i.f. Pacific Coast ports.

FISH MEAL.—California sardine meal on the spot, $41.50 to $42 per ton, prompt shipment, f.o.b. cars, San Francisco-Monterey. New season material, $40 per ton. Japanese market is nominal, with offerings scarce.

TANKAGE.—Local packing house tankage, ground, fertilizer grade, $3.50 to $3.60 and 10c. per unit-ton, nominally, f.o.b. cars, Los Angeles. Dry rendered, ground, quoted at 80c. per unit of protein, f.o.b. cars, San Francisco. Unground, dry rendered, quoted at 67½c.

BONE MEAL.—Domestic bone meal, steamed, according to seller and quality, $25 to $32 per ton, delivered Pacific Coast ports.

BLOOD MEAL.—Domestic, $3.25 per unit, f.o.b. cars.

Phosphate Rock Dumping Case Is Appealed Again

J. H. Cottman & Co., Baltimore, has appealed to the United States Circuit Court of Appeals for the fourth district against the recent adverse decision of Judge Calvin Chestnut in the United States District Court in the suit wherein the corporation seeks to avoid an assessment of $60,000 in customs duties on phosphate rock imported under the antidumping act of 1921. In an assignment of errors it is pointed out that several questions involving the appraisal of the foreign market value of the imported rock had not been settled. A customs appraiser valued the imported rock at a higher level than was paid by the purchaser, it is claimed.

Fertilizer Materials

Ammoniates and Potash Salts Continue Quiet—Bagged Nitrate of Soda Prices for August and Forward Months Have Not Been Named Yet—Superphosphate Remains Strong

The market for agricultural chemicals was enveloped by quiet which has become quite characteristic this Summer. Even the ordinary interest in organic materials was lacking because of the low position and general bearishness of cottonseed meal. The market's dullness was particularly evidenced in the supplying centers for mineral ammoniates and potash salt. Activity in the latter was supplied only by the mechanics of delivering material against orders that were booked prior to last month at the maximum discount bracket, and, as the trade was believed to be comfortably fixed on estimated potash needs for the remainder of the season, bookings over the remainder of the year will probably not exceed the amounts needed for fill-in purposes.

Up to the time of this writing, prices for nitrate of soda in bags for delivery over this month and beyond, had not been made public, but it was indicated that the prices would appear at any moment.

The superphosphate situation in the Northern market continued quite firm. Some of the Baltimore sellers continued to turn away business unless applied against contracts. The Southern market was firm, also.

As reported previously the marketers of urea-ammonia liquor have not been offering since the expiration of the contracting period at the end of June, but the sellers of nitrogen solution were offering for spot and the usual advance over the contract price which had been available to the trade up until the end of June.

Price Changes

Prices were changed during the past week as follows.—

Advanced

Fish scrap, Japanese sardine, nearby, $1 per ton.
Tankage, dom., feed grade, Chi., 25c. per unit.

Reduced

Bone, import., 3 & 50 meal, 50c. per ton.
1 & 65-70 steamed, $1 per ton.
Castor pomace, dom., $1 per ton.
Fish scrap, dom., ground, Balto., $1 per ton.
Hoof meal, Chi., 10c. per unit.
Nitrogenous material, dom., Eastern, 15c. per unit.
Western, 10c. per unit.
import, 20c. per unit.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of a normal of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
66.0	66.0	66.0	62.9

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Nitrate of Soda.—Prices on material in bags were not issued up to the time this report went to press. It was believed, however, that prices would be known momentarily. For further details see the late market developments section of this issue on page 4.

Sulphate of Ammonia.—The sulphate market's position was rather quiet last week. Occasional orders were reported in the market and these were being booked at full prices. Production seemed to be recovering from the setback caused by the strikes in the steel industry. The United States Trade Commissioner at Tokio, reporting on the condition of the Japanese market, stated that imports of sulphate into Japan during the first four months of 1937 totaled 70,794 metric tons, off 65% from the corresponding period of 1936. Japanese-owned plants in Kwantung and Manchuria supplied 30,822 metric tons and practically all of the remainder came from members of the European syndicate. There were no imports from the United States early this year in contrast with 42,850 metric tons entered during the first four months of 1936. One of the two leading Japanese commercial houses was reported to have contracted for delivery during 1937 of 100,000 metric tons of imported sulphate. Practically all will be furnished by Europe at an average price of yen 88 per metric ton. This is somewhat below current domestic quotations of yen 91 per metric ton. It was also reported that this company agreed to market the entire amount through local associations and to make no sales on the open market, except in Formosa.

Ammonia Liquids.—Although the suppliers of urea-ammonia liquor have not been making any offerings since the termination of the contracting period at the end of last month, the suppliers of nitrogen solution were offering on spot at $1.04 per unit of ammonia, or 4c. per unit over the contract price which expired at the end of last month.

Dried Blood.—Latest sales were registered at $3.50 per unit in New York with some holders now asking $3.60 per unit. Imported material was quoted at $3.60 per unit, but the buyers were not responsive to that figure and lower bids were around the market.

Castor Pomace.—Following the appearance of $23 material for shipment from abroad, basis c.i.f., the domestic suppliers moved down to $24 per ton f.o.b. producing points, a reduction of $1 per ton. Some material has been offering on a unit basis at around $3.35 per unit; some of these offerings were understood to be a mixture of castor and rape seed meal.

Fish Scrap.—The Japanese sardine meal market was stronger with $48 per unit named for shipment. Prices on material for nearby arrival ranged from $48 to $50 per ton, according to position and port. Freights to some South Atlantic ports were reported to have been difficult to work last week and the $48 per ton price for shipment was mainly for Baltimore or New York destination. Chesapeake menhaden scrap production continued comfortably ahead of last season and more than a third of the orders taken on a when-and-if-made basis have been filled. There have been no sales in the past several weeks and the price of $4 and 10c. per unit-ton at the factories was purely nominal. Ground meal in Baltimore has been quoted at $58 per ton in some directions, which is $1 per ton cheaper than previous quotations.

Hoof Meal.—The Chicago suppliers were a little easier in their ideas and $3.50 per unit could have been worked easily against a market of $3.60 per unit a week ago. There was very little interest at the lower figure.

Nitrogenous Material.—Imported material moved down sharply after the quotations of $3.45 per unit, c.i.f., were ignored by buyers. Offerings were now $3.25 to $3.35 per unit c.i.f. Southern ports. A lot of domestic material from an East Coast producing point was reported sold at $3.10 per unit, f.o.b. seller's plant, although the asked price at Norfolk continued at $3.25 per unit. In the West, the Carrollville product was reported offered at $2.90 per unit, but that figure was not confirmed at first hands. Quotations at chemical were reduced to $2.85 per unit.

Tankage.—The lone price change in the market last week was an advance of 25c. per unit in the Chicago market for high-grade feeding material. Quotations for this product were raised to $3.50 and 10c. per unit-ton, an advance of 25c. over a week ago. There was no change in the price of imported material which was named at $3.70 and 10c. per unit-ton, c.i.f. Buyers bids were around $3.60 per unit.

Potashes

Other than the mechanics of delivering the material ordered under the maximum discount arrangement, the potash market was bare of interest or activity last week. It was believed that buyers booked up to their full estimated needs for the season at the 12 percent discount and except for some fill-in business, the sellers did not expect much new booking over the remainder of the season. Orders placed up to and including September 30 for delivery from October 1 to January 31, are subject to a discount of 5 percent.

The total sales of the German potash syndicate in 1936 were reported at 1,364,000 metric tons K_2O up 2.6 percent from the 1935 figure of 1,330,000 tons. Domestic sales accounted for 75.4 percent of the total 1936 tonnage, compared with 71.2 percent. Sales of 803,000 tons K_2O were reported for the first 5 months of 1937, a gain of 9.2 percent over the 736,000 tons reported for the corresponding months of 1936. A detailed report, entitled "German Potash Trade in 1936," by Consul Sydney B. Redecker, Frankfort-on-Main, is available in the Chemical Division, Bureau of Foreign and Domestic Commerce, Washington.

Phosphates

The phosphate materials did not escape the quiet of the market for ammoniates and potash materials. Price movements were few and the only revisions made during the week were in the bone materials group. Imported 3 and 50 meal was lower, and, imported 1 and 65-70 steamed bone was also reduced.

Bone Materials.—The market for imported 3 and 50 meal in 100-pound bags was reduced 50c. per ton to the basis of $26.50 per ton, c.i.f. Prices for imported 1 and 65-70 steamed bone were lowered $1 per ton to the basis of $23 per ton.

Phosphate Rock.—The hearing on proposed increases in phosphate rock freight rates, which was scheduled by the Interstate Commerce Commission for last Thursday was cancelled. The hearing will be set for some time in the Fall. The cancellation was requested by the carriers.

Superphosphate.—The acid shortage in the Baltimore market held things in a tight position and some of the producers have been refusing to take business, except against contract.

Sulphur and Pyrites

The sulphur situation showed little change last week. Reports from the producers indicated that trade was going along in fairly brisk fashion. Deliveries to acid makers in the Mississippi River sector have been seasonally active. Baltimore manufacturers of acid were producing to capacity and the sales of sulphur in the New Jersey manufacturing area were also good. Prices continued unchanged.

Markets at Other Centers

Atlanta, July 28.—The market for fertilizer materials in the South was very quiet. Prices of materials with seasonal schedules are maintained. Organic ammoniates are the most unstable, and as a result, there is a tendency of the trade to wait and see if prices will not fall.

Fertilizer manufacturers in figuring their requirements of materials for the next season watch crop developments, especially cotton and tobacco. Both are promising, but the prospective yields of cotton are considered too great to make the crop's purchasing power as high as last year.

Quotations of this market are as follows:—

SUPERPHOSPHATE.—$9.60 per ton, interior producing points.
NITRATE OF SODA.—Bulk, ports, $26.50 per ton.
SULPHATE OF AMMONIA.—Bulk, ports, $28.50 ton.
COTTONSEED MEAL.—7 percent, $38 per ton.
BLOOD.—$3.10 per unit, Chicago.
TANKAGE.—$3.10 and 10c. per unit, Chicago; foreign, $3.50 and 10c. per unit, ports.
NITROGENOUS.—$3.15 per unit, midwest; foreign, $3.50 per unit, port basis.
POTASH.—Quiet, at schedule prices.

Baltimore, July 28.—Trading in fertilizer materials remained very quiet. The prevailing quotations were as follows:—

FISH SCRAP.—Menhaden fishing during the last week was better than usual, with 9,000,000 fish estimated to have been caught. The Florida catch, on the other hand, has been light, and no more of the ammoniate is being offered from that source, nor is the area likely to make important additions to the stocks of scrap. Off the Jersey coast the fishing was stated to be the best of the season. No sales of

(Continued on page 52)

DOMESTIC
SULPHATE OF AMMONIA
AND AMMONIA LIQUOR
THE Barrett COMPANY — 40 RECTOR STREET, NEW YORK

ANNOUNCEMENT

SULPHUR 99.5% PURE

Free from arsenic, selenium and tellurium

We wish to announce the commencement of production on May 3, 1937, at our new mines located at CLEMENS DOME, Brazoria County, Texas, 14 miles from the port of Freeport.

Your inquiries are solicited.

JEFFERSON LAKE OIL CO., INC.
SUITE 1406-9, WHITNEY BLDG.
NEW ORLEANS, LA.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

Shipping Information

All matter under this head fully protected by copyright

Imports at U.S. Ports

New York Imports

ACID ARSENIC—375 dms, 176,550 lbs, Philip Bauer Co, Schodack, Bordeaux
COTTONSEED OIL—100 bbls, American Importer, Manchester
51 bbls, Liberty, Hull
CRESYLIC—21 dms, Waukegan, Liverpool
16 dms, American British Chemical Supplies, American Importer, Manchester
45 dms, Crowley Tar Product Co, American Importer, Manchester
50 dms, American Importer, Liverpool
100 dms, White Tar Co, American Importer, Liverpool
96 dms, Monsanto Chemical Co, American Importer, Liverpool
100 dms, California, Glasgow
20 dms, Liberty, Hull
FATTY—48 cks, Woburn Degreasing Co, Waukegan, Manchester
SPERM OIL—29 bbls, G A Wherry Co, Volendam, Rotterdam
ADEPS LANAE—101 bbls, C Tennant Sons & Co, American Importer, Liverpool
ALBUMEN, BLOOD—8 bbls, 4,050 lbs, Morningstar Nicol, Hamburg, Hamburg
EGG, HEN—22 cs, American Cyanamid & Chemical Co, Vito, Tientsin
33 cs, Bridges, Neumer & Co, Kirishima, Tientsin
56 cs, D L Moss & Co, Kamikawa, Shanghai
11 cs, Henningsen Bros, President Wilson, Shanghai
56 cs, Stein, Hall & Co, President Wilson, Tientsin
36 cs, National Bank & Trust Co, Hokkai, Shanghai
44 cs, T M Duche & Sons, Hokkai, Hankow
25 cs, Bridges, Neumer & Co, Hokkai, Hankow
56 cs, Philadelphia National Bank, Hokkai, Shanghai
56 cs, Stein, Hall & Co, Hokkai, Shanghai
ALUMINUM LEAF—73 cs, Globe Shipping Co, Hamburg, Hamburg
POWDER—1 dm, R C Wehling Co, Europa, Bremen
WATER SOLUBLE—1 cs, 15 dms, General Aniline Works, Volendam, Rotterdam
AMMONIA SULPHATE—500 bgs, Bradley & Baker, Volendam, Rotterdam
ANISE—60 bgs, Saturnia, Trieste
ANNATTO SEED—50 bgs, President Garfield, Colombo
ANTIMONY ORE—378 bgs, Philipp Bros, Santo Lucia, Antofagasta
1,780 bgs, Santo Lucia, Mollendo
OXIDE—200 bgs, S L Jones & Co, Hokkai, Hankow
REGULUS—150 cs, Wah Chang Trading Corp, Hokkai, Shanghai
ARROWROOT—200 bbls, 700 bgs, Morningstar-Nicol, Nerissa, St Vincent
900 bbls, Morningstar-Nicol, Bestik, St Vincent
ARSENIC—456 bbls, American Smelting & Refg Co, Agwistar, Tampico
ARTIST'S MATERIAL — 4 cs, Gallagher & Ascher, Volendam, Rotterdam
ASBESTOS—2,193 bgs, Johns Manville Corp, H S Grove, Capetown
FIBER—134 bgs, Raw Asbestos Distr, H S Grove, Lourenco Marques
ASPHALT—172 bgs, 14 bls, 23 dms, Schenker & Co, Hamburg, Hamburg
BABASSU KERNELS — 2,000 bgs, General Foods Corp, Boniface, Tutoya
BAUXITE—3,298 tons, Aluminum Union, Ltd, Bestik, Georgetown
BELLADONNA LEAVES—25 bls, Clara, Fiume
BONE PHOSPHATE—275 bgs, Acme Milling Co, Black Falcon, Antwerp
BRISTLES—12 cs, Chase National Bank, Vito, Kobe
13 cs, F H Cone & Co, Kirishima, Kobe
8 cs, Iwai & Co, Kirishima, Kobe
2 cs, M Broverman & Son, Queen Mary, Southampton
100 cs, H Rosenhirsch Co, Kamikawa, Shanghai
11 cs, H Rosenhirsch Co, Kamikawa, Kobe
4 cs, F W Von Stade, Kamikawa, Kobe
13 cs, F H Cone & Co, Kamikawa, Kobe
10 cs, H Rosenhirsch Co, President Wilson, Shanghai
20 cs, Chesnut, Cooper & Co, President Wilson, Hankow
10 cs, Chase National Bank, President Wilson, Hankow
105 cs, F H Cone & Co, President Wilson, Shanghai
65 cs, F H Cone & Co, President Wilson, Tientsin
35 cs, Chesnut Cooper & Co, American Farmer, London
2 cs, M Broverman & Son, American Farmer, London
34 cs, Public National Bank, American Farmer, London
110 cs, Mitsui & Co, Hokkai, Hankow
30 cs, Guaranty Trust Co, Hokkai, Tientsin
55 cs, Hokkai, Tientsin
33 cs, National City Bank, Hokkai, Harbin
66 cs, Public National Bank, Hokkai, Harbin
20 cs, Tradesmen National Bank, Hokkai, Harbin
6 cs, Iwai & Co, Hokkai, Kobe
4 cs, Hokkai, Yokohama
50 cs, Bank of Manhattan, Hokkai, Shanghai
100 cs, Chase National Bank, Hokkai, Hankow
200 cs, Guaranty Trust Co, Hokkai, Tientsin
50 cs, Philadelphia National Bank, Hokkai, Tientsin
50 cs, Brown Bros, Harriman Co, Hokkai, Tientsin
76 cs, Hokkai, Tientsin
18 cs, Bank of London & South America, President Garfield, Haiphong
BRONZE POWDER—5 dms, 1 cs, R F Downing & Co, Europa, Bremen
5 dms, R C Wehling Co, Europa, Bremen
25 dms, 2 cs, R F Downing & Co, Hamburg, Hamburg
CAMPHOR—83 cs, F W Woolworth Co, Kamikawa, Kobe
CRUDE—165 cs, Mitsui & Co, Hokkai, Hongkong
CANARY SEED—250 bgs, A G Dunn, Exmoor, Casablanca
CARAWAY SEED—150 bgs, Levy & Levis Co, Black Osprey, Rotterdam
50 bgs, McLaughlin, Gormley & King, Volendam, Rotterdam
50 bgs, Jaburg Bros, Volendam, Rotterdam
300 bgs, C M Van Sillevoldt, Volendam, Rotterdam
100 bgs, R L Friedler, Volendam, Rotterdam
CASSIA—181 pkgs, Sino Java Hvg, Tanimbar, Belawan Deli
CASSIA—79 bls, G L Curtin Co, Tanimbar Belawan Deli
641 pkgs, H P Winter & Co, Tanimbar, Belawan Deli
125 bls, Durkee Famous Food, President Wilson, Hongkong
ROLLS—100 bls, S L Jones & Co, President Garfield, Hongkong
VERA—73 pkgs, Taybank, Padang
233 pkgs, J F Frank, Muncaster Castle, Batavia
126 pkgs, Van Loan & Co, Muncaster Castle, Batavia
CASTOR BEANS—800 bgs, Spencer Kellogg & Sons, Boniface, Ceara
1,900 bgs, National City Bank, Taubate, Santos
1,855 bgs, Spencer Kellogg & Sons, Taubate, Santos
847 bgs, Guaranty Trust Co, Taubate, Santos
21 bgs, Baker Castor Oil Co, Taubate, Santos
16,614 bgs, Taubate, Santos
4,179 bgs, Wessel, Duval & Co, Caxambu, Bahia
4,216 bgs, Spencer Kellogg & Sons, Caxambu, Bahia
7,810 bgs, Caxambu, Bahia
CELERY SEED—20 bgs, Knickerbocker Mills Co, President Garfield, Marseilles
CHALK, COMMON—1,600 bgs, R L Watkins Co, American Farmer, London
CHAMOIS SKINS—3 cs, Chase National Bank, Washington, Havre
2 cs, Washington, Havre
CHEMICALS—3 cs, Sartor Ious, Champlain, Havre
3 cs, Merck & Co, Champlain, Havre
4 cs, Lo Curto & Funk, Champlain, Havre
300 cks, Champlain, Havre
1 cs, Gones Chem Works, Champlain, Havre
20 pkgs, Ciba Co, Champlain, Havre
10 cs, Sandoz Chem Works, Europa, Bremen
2 cks, Stanley Doggett, Europa, Bremen
1 bbl, 26 cs, 5 dms, Europa, Bremen
19 cks, National City Bank, Europa, Bremen
2 cs, Gane & Ingram, Europa, Bremen
250 bgs, 240 carboys, Hamburg, Hamburg
19 bbls, National City Bank, Hamburg, Hamburg
60 bgs, Hamburg, Hamburg
100 carboys, Advance Solvents & Chem Co, Hamburg, Hamburg
2 pkgs, H A Bogarty, Hamburg, Hamburg
15 cs, Schimmel & Co, Hamburg, Hamburg
20 bbls, 300 bgs, Hamburg, Hamburg
40 cks, Philip Bauer Co, Hamburg, Hamburg
4 cks, Philip Bauer Co, Black Osprey, Rotterdam
40 cks, American Cyanamid & Chem Co, Black Osprey, Rotterdam
45 cks, E W C Toepfer, Black Osprey, Rotterdam
134 demj, Black Osprey, Rotterdam
120 bgs, E M Sergeant Pulp & Chem Co, California, Glasgow
125 dms, 65 bbls, African Metals Corp, Black Falcon, Antwerp
25 cs, Stanley Doggett, Black Falcon, Rotterdam
2 dms, Scewers, Black Falcon, Rotterdam
200 bgs, Black Falcon, Rotterdam
57 cks, Advance Solvents & Chem Co, Bergensfjord, Heroen
139 cks, 83 dms, Advance Solvents & Chem Co, Volendam, Rotterdam
24 cks, Robinson-Wagner Co, Volendam, Rotterdam
56 cks Jungmann & Co, Volendam, Rotterdam
1 cs, 5 bbls, C Bruening, Volendam, Rotterdam
12 cks, General Aniline Works, Volendam, Rotterdam
20 cks, Innis, Speiden & Co, Volendam, Rotterdam
3 cks, Robinson-Wagner Co, Volendam, Rotterdam
9 cks, A Hurst & Co, Volendam, Rotterdam
34 cks, Ore & Chem Co, Volendam, Rotterdam
18 cks, General Dyestuff Corp, Volendam, Rotterdam
50 cks, Jungmann & Co, Volendam, Rotterdam
15 cks, 14 cs, 1 dm, Merck & Co, Volendam, Rotterdam
2 cs, Lo Curto & Funk, Ile France, Havre
2 cs, G J Wallau, Ile France, Havre
10 cks, Advance Solvents & Chem Co, Koenigstein, Antwerp
PHOTO—1 cs, American Express Co, Hamburg, Hamburg
CHROME METAL—50 dms, Drivers-Harris Co, American Importer, Manchester
5 dms, C Tennant Sons & Co, American Banker, London
ORE—7,200 tons, Lavino Shipping Co, Mount Kassion, Karachi
2,802 tons, 1 cert 1 otr, 10 lbs, E J Lavino & Co H S Grove, Loureno Marques
2,000 tons, E J Lavino & Co, H S Grove, Beira
CINCHONA PRODUCTS—2 cs, 100 dms, R N Greeff & Vo, Volendam, Rotterdam
CLAY, BLUE—101 cks, Milton Greenbaum, Black Osprey, Rotterdam
BURNT—150 bgs, Guy C Foster, Laconia, Liverpool
COALDUST—45 dms Volendam, Rotterdam
COALTAR INTERMEDIATES—4 dms, Sandoz Chem Works, Europa, Bremen
3 cs, General Dyestuff Corp, Europa, Bremen
7 cks, General Dyestuff Corp, Hamburg, Hamburg
35 dms, 1 can, 129 cks, General Aniline Works, Volendam, Rotterdam
37 dms, 1 cs, 40 tins, 60 cks, General Dyestuff Corp, Volendam Rotterdam
COBALT METAL—105 cks, Central Trading Corp, Black Falcon, Antwerp
COCHINEAL—20 bgs, 4,466 lbs, Hamburg, Hamburg
COCOA BEANS—250 bgs, Carabobo, Puerto Cabello
188 bgs, Lopez & Manqual, Carabobo, Maracaibo
12 bgs, Mecke & Co, Carabobo, Maracaibo
1,700 bgs, Medra, Puerto Cabello
68 bgs, Medea, Curacao
60 bgs, Struller & Wood, Medea, Jeremie
450 bgs, Nerissa, Trinidad
3,764 bgs, Bestik, Port Spain
250 bgs, P R Rincennes, Tachira, LaGuaira
500 bgs, Machado & Co, Tachira, LaGuaira
400 bgs, Tachira, LaGuaria
800 bgs, Royal Bank of Canada, Tachira, Porto Cabello
500 bgs, Tachira, Porto Cabello
290 bgs, Porcella Vicini & Co, Coamo, Trujillo
1,250 bgs, Machado & Co, Ponce, Puerto Plata
250 bgs, Carr Bros, Ponce, Puerto Plata
COCOA BEANS—175 bgs, Royal Bank of Canada, Ponce, Puerto Plata
100 bgs, Porcella Vicini & Co, Ponce, Puerto Plata
500 bgs, Curacao Trading Co, Ponce, Puerto Plata
50 bgs Bank of London, South America, Taubate, Santos
531 bgs, United Fruit Co, Calamares, Cristobal
750 bgs, Nieschlag & Co, Western World, Port Spain
300 bgs, Barclay Bank, Western World, Port Spain
1,000 bgs, Western World, Port Spain
2,000 bgs, Wessel Kulenkampf & Co, Caxambu, Bahia
2,000 bgs, A C Israel Commodity Co, Caxambu, Bahia
500 bgs, Wessel, Duval & Co, Caxambu, Bahia
4,000 bgs, W R Grace & Co, Caxambu, Bahia
2,000 bgs, Guaranty Trust Co, Caxambu, Bahia
1,000 bgs, I Witkins & Co, Caxambu, Bahia
1,000 bgs, A Israel Commodity Co, Caxambu, Bahia
17,900 bgs, Caxambu, Bahia
150 bgs, President Garfield, Colombo
COCONUTS—2,000 bgs, General Food Corp, Musa, Puerto Castilla
512 bgs, General Food Corp, Pastores, Kingston
544 bgs, Durkee Famous Food, Nerissa, Trinidad
802 bgs, Durkee Famous Food, Nerissa, St Vincent
311 bgs, General Food Corp, Angelina, Mayaguez
433 bgs, General Food Corp, Angelina, San Juan
1,135 bgs, General Food Corp, Calamares, Kingston
COCONUT DESIC—1,979 cs, Durkee Famous Foods, President Wilson, Manila
2,972 cs, Wood & Selick, President Wilson, Manila
1,603 cs, J H Vavasseur & Co, President Garfield, Colombo
COLOCYNTH—40 bls, R J Prentiss & Co, City of Sydney, Port Sudan
COLORS—6 cks, Fulton Dye & Import Co, Washington, Havre
COALTAR—8 kgs, General Dyestuff Corp, Volendam, Rotterdam
DRY—74 cks, C J Osborn & Co, Volendam, Rotterdam
EARTH—25 cks, Robinson, Wagner Co, Volendam, Rotterdam
MINERAL—224 bgs, Robinson, Wagner Co, Washington, Southampton
OIL—4 cs, Phoenix Shipping Co, Hamburg, Hamburg
COPAIBA BALSAM—150 cs, F B Ross & Co, Boniface, Manaos
60 cs, Boniface, Manaos
COPPERAS—10 bgs, Koenigstein, Antwerp
CORIANDER SEED—300 bgs, P H Petry & Co, Exmoor, Casablanca
CORK—15 cs, Cork Importing Corp, Ile de France, Havre
20 bls, Besbe Cork Co, Ile de France, Havre
7 bls, G Doherty, Ile de France, Havre
34 bls, L Mundet & Sons, Monbaldo, Lisbon
SHEETS—182 bls, Exmoor, Bona
VIRGIN—1,476 bls, Irland, Lisbon
WASTE—564 bls, Exmoor, Catania
733 bls, H Suhl, Exmoor, Bona
2,730 bls, Exmoor, Bona
22,936 bls, Brown Bros Harrimann Co, Paul Lemerle, Leixoes
1,729 bls, Irland, Lisbon
27,017 bls, L Mundet & Sons, Monbaldo, Lisbon
WOOD—269 bls, Exmoor, Bona
24 bls, Exmoor, Algiers
826 bls, Clara, Palermo
271 bls, L Mundet & Sons, Monbaldo, Lisbon
CUBEBS—16 bgs, Chinese Prince, Singapore
32 bgs, Steel Voyager, Singapore
8 bgs, President Garfield, Singapore
CUBICURY NUTS—2,150 bgs, General Food Corp, Caxambu, Bahia
CUTTLEFISH BONES—50 cs, Frank Vliet Co, Schodack, Bordeaux
700 cs, Clara, Palermo
DANDELION ROOT—40 bls, 8,800 lbs, Amtorg Trading Corp, Kalinin, Leningrad
DERRISROOT—14 bls, R J Prentiss & Co, President Wilson, Manila
DEXTRIN—5 bgs, A Hurst & Co, Hamburg, Hamburg
DIBUTYLAMINE—6 dms, Advance Solvents & Chem Co, Koenigstein, Antwerp
DRAGONS BLOOD—27 cs, Bank of Manhattan, Muncaster Castle, Singapore
DUTCH METAL—4 cs, B F Drakenfeld & Co, Europa, Bremen
DYES—3 cks, Ozalid Corp, Hamburg, Hamburg
ALIZARIN—5 cks, 1 cs, General Dyestuff Corp, Europa, Bremen
7 cks, E I duPont de Nemours & Co, Lehigh, Liverpool
25 dms, 29 jugs, 54 cks, General Dyestuff Corp, Volendam, Rotterdam
ANILIN — 151 pkgs, Ciba Co, Champlain, Havre
11 cks, Geigy Co, Champlain, Havre
37 dms, Sando Chem Works, Europa, Bremen
1 cs, General Dyestuff Corp, Europa, Bremen
3 dms, 10 cks, 1 pkg, General Dyestuff Corp, Hamburg, Hamburg
1 dm, 10 cks, E I duPont de Nemours & Co, Waukegan, Liverpool
1 kg, 1 dm, E I duPont de Nemours & Co, Laconia, Liverpool
2 cs, 248 cks, 56 dms, 4 jugs, General Dyestuff Corp, Volendam, Rotterdam
16 cks, Geigy Co, Ile de France, Havre
90 pkgs, Ciba Co, Ile de France, Havre
DYESTUFF—38 dms, National Aniline & Chem Co, President Wilson, Hongkong
DYEWOOD, CUTTED — 64 bgs, Saturnia, Trieste
EGG YOLK, HEN—112 cs, J Lowe Corp, Hokkai, Tientsin
112 cs, I Grob & Co, Vito, Tientsin
112 cs, Paul A Dunkel & Co, Vito, Tientsin
112 cs, J Lowe Corp, Vito, Tientsin
117 cs, D L Moss & Co, Kamikawa, Shanghai
84 cs, Stein, Hall & Co, Kamikawa, Tientsin
60 cs, D L Moss & Co, President Wilson, Shanghai
60 cs, Borden Co, President Wilson, Shanghai
112 cs, Stein, Hall & Co, President Wilson, Hankow
56 cs, Consumers Import Co, President Wilson, Tientsin
168 cs, Henningsen Bros, President Wilson, Tientsen
336 cs, Stein, Hall & Co, President Wilson, Tientsin
EGG YOLK, HEN—406 cs, Stein, Hall & Co, Hokkai, Shanghai
161 cs, D L Moss & Co, Hokkai, Shanghai
56 cs, Bridges, Neumer & Co, Hokkai, Tientsin
112 cs, Consumers Import Co, Hokkai, Tientsin
112 cs, J Lowe Corp, Hokkai, Tientsin
224 cs, Importers Com Co, Hokkai, Tientsin
FROZEN — 1,666 tins, Henningsen Bros, President Wilson, Shanghai
500 cns, Borden Co, President Wilson, Shanghai
3,334 tins, A Gerber, President Wilson, Shanghai
WHOLE—200 cs, Borden Co, President Wilson, Shanghai
EPHEDRA—139 bls, Gravenhorst Co, President Garfield, Tientsin
ERGOT—11 dms, Saturnia, Lisbon
FERTILIZER—19 cs, American Trading Co, Vito, Yokohama
FISH MEAL—1,100 bgs, Mitsui & Co, Kirishima, Yokohama
SOUNDS—41 bls, F A Rincon, Carabobo, Maracaibo
FILTER MASS—100 bls, A W Fenton & Co, Washington, Bremen
PAPER—1 bl, 17 cs, Hamburg, Hamburg
12 cs, H Reeve Angel & Co, American Farmer, London
FLAVORING EXTRACT—5 cs, Fritzsche Bros, Hamburg, Hamburg
FLEASEED — 400 bgs, R J Prentiss & Co, President Garfield, Bombay
FLORAL WATER—5 cs, Ungerer & Co, Champlain, Havre
GAMBIER—401 bgs, Taybank, Singapore
160 bgs, E E Androvette, Steel Voyager, Singapore
80 bgs, Chase Natl Bank, Steel Voyager, Singapore
GELATIN—18 cs, International Selling Corp, Champlain, Havre
109 pkgs, American Express Co, Hamburg, Hamburg
80 cs, Dingelstedt & Co, Hamburg, Hamburg
41 cks, T M Duche & Sons, Black Falcon, Antwerp
44 bgs, International Selling Corp, Koenigstein, Antwerp
383 bgs, Koenigstein, Antwerp
35 cs, Rex & Reynold, President Garfield, Marseilles
POWDER—10 bbls, 5 dms, 10 kgs, 62 bgs, R McLellan, Volendam, Rotterdam
SHEET—439 cs, American Express Co, Black Osprey, Rotterdam
25 cs, R McLellan, Volendam, Rotterdam
100 bls, L H Lang, C V Gelden, President Garfield, Marseilles
GINGER ROOT—25 bgs, J L Hopkins & Co, Calamares, Kingston
GLASS, PLATE—3 cs, Semon, Bache & Co, Black Falcon, Antwerp
1 cs, Koenigstein, Antwerp
WINDOW—2,153 cs, Vitrea Co, Washington, Hamburg
10 cs, Leo Popper & Son, Laconia, Liverpool
4 cs, Globe Shipping Co, American Importer, Liverpool
28 cs, J Marks & Bros, Black Falcon, Antwerp
8 cs, Semon, Bache & Co, Black Falcon, Antwerp
GLUE—100 bgs, Brown Bros, Harriman Co, Washington, Hamburg
320 bgs, Dingelstedt & Co, Washington, Hamburg
57 cs, Rex & Reynolds, Ile de France, Havre
10 bgs, A F Yatan & Co, Koenigstein, Antwerp
BONE—10 cks, General Aniline Works, Volendam, Rotterdam
GLYCERIN — 23 dms, Colgate-Palmolive-Peet Co, Hamburg, Hamburg
GRAPHITE—471 bgs, C E Pettinos, President Garfield, Colombo
GREASE REFUSE—25 bbls, National Oil Prod Co, Laconia, Liverpool
WOOL—20 dms, Laconia, Liverpool
100 bbls, Robinson, Wagner Co, American Importer, Manchester
GUM, ARABIC—250 bgs, H Heide, City of Sydney, Port Sudan
250 bgs, S B Penick & Co, City of Sydney, Port Sudan
250 bgs, Thurston & Braidich, City of Sydney, Port Sudan
150 bgs, Innis, Speiden & Co, City of Sydney, Port Sudan
450 bgs, City of Sydney, Port Sudan
50 bgs, Barclay Bank, City of Sydney, Port Sudan
BENZOIN—50 cs, J L Hopkins & Co, Tanimbar, Tandjong Priok
25 cs, R J Prentiss & Co, Tanimbar, Priok
CHICLE—192 bls, Chicle Development Co, Musa, Puerto Barrios
195 bls, Mexican Exploitation Co, Agwistar, Progreso
COPAL—30 cs, 206 bgs, 146 bskts, O G Innes Corp, Tanimbar, Macassar
675 bskts, Gillespie-Rogers-Pyatt Co, Chinese Prince, Macassar
136 bskts, France, Campbell & Darling, Chinese Prince, Macassar
58 bskts, W H Scheel, Chinese Prince, Macassar
248 bskts, G W S Patterson & Co, Chinese Prince, Macassar
183 bskts, Thurston & Braidich, Chinese Prince, Macassar
215 bskts, American Cyanamid & Chem Co, Chinese Prince, Macassar
14 bgs, G H Lincks, Chinese Prince, Singapore
70 bgs, O G Innes Corp, Chinese Prince, Singapore
70 bgs, Stroock & Wittenberg, Steel Voyager, Singapore
25 bgs, G W S Patterson & Co, American Farmer, London
DAMMAR—200 bgs, 100 cs, Thurston & Braidich, Tanimbar, Batavia
50 bgs, 200 cs, Tanimbar, Batavia
400 bgs, Thurston & Braidich, Taybank, Batavia
100 cs, Chase Natl Bank, Taybank, Batavia
100 cs, S Winterbourne & Co, Muncaster Castle, Batavia
100 bgs, 200 cs, Thurston & Braidich, Muncaster Castle, Batavia
1 pkg, Stein, Hall & Co, Muncaster Castle, Batavia
420 bgs, O G Innes Corp, Muncaster Castle, Singapore
210 bgs, Stroock & Wittenberg, Muncaster Castle, Singapore
210 bgs, Thurston & Braidich, Muncaster Castle, Singapore
210 bgs, G W S Patterson & Co, Muncaster Castle, Singapore
521 bgs, Stroock & Wittenberg, Chinese Prince, Macassar
192 bgs, Gillespie-Rogers-Pyatt Co, Chinese Prince, Macassar

GUM, DAMMAR—82 cs, Thurston & Braidich, Chinese Prince, Macassar
100 cs, O G Innes Corp, Chinese Prince, Batavia
200 cs, G W S Patterson & Co, Chinese Prince, Batavia
100 cs, Stroock & Wittenberg, Chinese Prince, Batavia
75 cs, 840 bgs, O G Innes Corp, Chinese Prince, Singapore
280 bgs, 50 cs, G W S Patterson & Co, Chinese Prince, Singapore
50 cs, American Cyanamid & Chem Co, Chinese Prince, Singapore
50 cs, 210 bgs, France, Campbell & Darling, Chinese Prince, Singapore
10 cs, G H Lincks, Chinese Prince, Singapore
50 cs, Gillespie-Rogers-Pyatt Co, Chinese Prince, Singapore
420 bgs, Thurston & Braidich, Chinese Prince, Singapore
210 bgs, Stroock & Wittenberg, Chinese Prince, Singapore
140 bgs, Steel Voyager, Singapore
KARAYA—40 bgs, Innis, Speiden & Co. President Garfield, Bombay
67 bgs, Richards Chem Co, President Garfield, Bombay
174 bgs, President Garfield, Bombay
254 bgs, National Carloading Corp, President Garfield, Bombay
264 bgs, Frank Vliet Co, President Garfield, Bombay
533 bgs, Thurston & Braidich, President Garfield, Bombay
80 bgs, S B Penick & Co, President Garfield, Bombay
KAURI—23 cs, 31 bgs, G W S Patterson & Co, Canadian Conqueror, Auckland
LOCUST BEAN—20 bgs, President Garfield, Genoa
OLIBANUM—208 bgs, 8 cs, Frank Vliet Co, President Garfield, Bombay
67 bgs, President Garfield, Bombay
SANDARAC—15 bbls, Exmoor, Casablanca
TRAGACANTH—110 bgs, E Meer & Co, President Garfield, Bushire
223 bgs, S B Penick & Co, President Garfield, Bushire
288 bgs, President Garfield, Bushire
3 bgs, A D Isbetcherian, President Garfield, Istanbul
GYPSUM—4,825 tons, U S Gypsum Co, Gypsum Empress, Winsor
HENNA LEAVES—65 bgs, J L Hopkins & Co, President Garfield, Port Said
HERBS, MEDICINAL—4 bls, 1,100 lbs, Hamburg, Hamburg
10 bls, S B Penick & Co, Hamburg, Hamburg
120 bls, Hamburg, Hamburg
26 bls, International Forwarding Co, Hamburg, Hamburg
16 bls, S B Penick & Co, Exmoor, Genoa
10 bls, S B Penick & Co, Exmoor, Bona
15 bls, Peek & Velsor, Saturnia, Trieste
2 bls, Saturnia, Trieste
16 bls, S B Penick & Co, Saturnia, Trieste
HOPS—2 cs, Bode & Voigt, Hamburg, Hamburg
INFUSORIAL EARTH—2 bgs, Whittaker, Clark & Daniels, Bergensfjord, Stavanger
IPECAC ROOT—4 bgs, C E Griffin Co, Pastores, Cristobal
7 bls, Boniface, Para
7 bls, Wessel, Duval & Co, Western World, Rio Janeiro
10 bls, Caxambu, Bahia
IRISH MOSS—65 bls, C H Reisig, Champlain, Havre
50 bls, C H Reisig, Ile de France, Havre
50 bls, Speiden & Co, Ile de France, Havre
IRON ORE—20 dms, Reichard, Coulston, American Importer, Liverpool
OXIDE—5 cks, Europa, Bremen
800 bgs, Landers Segal Color Co, Montreal City, Bristol
5 cks, Whittaker, Clark & Daniels, Laconia, Liverpool
5 cks, J A McNulty, American Importer, Manchester
15 cks, American Importer, Liverpool
34 cks, C J Osborn & Co, Volendam, Rotterdam
RESIDUE—3 cks, Reichard, Coulston, Waukegan, Manchester
SAND—200 bgs, Liberty, Dundee
ISINGLASS—10 cs, American Farmer, London
KOLA NUTS—50 bgs, D Steengrafe, Calamares, Kingston
65 bgs, Barclay Bank, Calamares, Kingston
LEAVES, MEDICINAL—1 bale, Peek & Velsor, Hamburg
LITHOPONE—100 cks, B Moore & Co, Volendam, Rotterdam
LOCUST BEAN MEAL—60 bgs, Laconia, Liverpool
MACE—34 cs, Taybank, Singapore
5 cs, Nerissa, Grenada
15 cs, Barclay Bank, Bestik, St George
20 cs, Catz American Co, Chinese Prince, Macassar
25 cs, Catz American Co, Chinese Prince, Banda
MAGNESIA, CALCINED—20 cs, Schofield, Donald Co, American Importer, Liverpool
CARBONATE—200 cks, 84 cs, 10 bgs, Schofield, Donald Co, American Importer, Liverpool
MANGANESE—5 dms, J F Hollywood, Waukegan, Manchester
MANGROVE BARK EXTRACT—3,702 bgs, Philippine Cutch Corp, President Garfield, Zamboanga
MANNA—25 cs, Clara, Palermo
MATCHES, SAFETY—5,300 ctns, 1 cs, New York Match Co, Gripsholm, Gothenburg
MEDICINAL PREP'S—50 cs, Volendam, Rotterdam
3 cs, American Agency French Vichy, Ile de France, Havre
14 pkgs, E Fougera & Co, Ile de France, Havre
3 cs, Garcia & Fabregan, Western World, Rio de Janeiro
3 cs, Burroughs, Welcome & Co, American Farmer, London
METAL LEAF—2 cs, Phoenix Shipping Co, Hamburg, Hamburg
MICA—320 cs, City of Sydney, Calcutta
24 cs, Western World, Rio de Janeiro
50 cs, Corn Exchange Bank, American Farmer, London
BLOCK—25 cs, Asheville Mica Co, City of Sydney, Calcutta
64 cs, Brown Bros-Harriman Co, City of Sydney, Calcutta
4 cs, Philadelphia National Bank, City of Sydney, Calcutta
280 cs, City of Sydney, Calcutta
3 cs, American Banker, London
CONDENSED—36 cs, Philadelphia National Bank, City of Sydney, Calcutta
DISCS—2 cs, Philadelphia National Bank, City of Sydney, Calcutta
2 cs, City of Sydney, Calcutta
FILM—15 cs, City of Sydney, Calcutta
PLATES—20 cs, City of Sydney, Calcutta
RESIDUE—14 cs, Western World, Rio de Janeiro
SPLITTINGS—120 cs, Mica Insulator Co, City of Sydney, Calcutta
300 cs, Gillespie, Rogers, Pyatt Co, City of Sydney, Calcutta
429 cs, Philadelphia National Bank, City of Sydney, Calcutta
142 cs, E J Cornelis, City of Sydney, Calcutta
56 cs, Brown Bros-Harriman Co, City of Sydney, Calcutta

MICA SPLITTNGS—1,650 cs, General Electric Co, City of Sydney, Calcutta
478 cs, City of Sydney, Calcutta
WASTE—1,416 bgs, City of Sydney, Calcutta
MINERAL EARTH—3,000 tons, National Bank of Greece, Irland Santorin
MOLASSES—700 tons, W R Grace & Co, Santa Lucia, Salaverry
355 tons, W R Grace & Co, Santa Lucia, Supe
MUSTARD SEED—448 bgs, Old Dutch Mustard Co, Vito, Tientsin
448 bgs, Old Dutch Mustard Co, President Garfield, Tientsin
NAPHTHALENE—239 bgs, F B Bertrand, Waukegan, Manchester
227 bgs, F B Bertrand, Waukegan, Liverpool
400 bgs, Montreal City, Bristol
390 bgs, F B Bertrand, Lehigh, Manchester
436 bgs, W H Mueller & Co, Black Osprey, Rotterdam
470 bgs, Black Falcon, Antwerp
445 bgs, F B Bertrand, Liberty, Hull
NIGER SEED—317 bgs, President Garfield, Vizagapatan
NUTMEGS—206 bgs, N Y Trust Co, Tanimbar, Belawan Deli
215 bgs, Joensson Import Co, Tanimbar, Belawan Deli
73 bgs, H P Winter & Co, Tanimbar, Belawan Deli
100 bgs, Chase Natl Bank, Tanimbar, Belawan Deli
66 bgs, Taybank, Padang
450 bgs, Royal Bank of Canada, Nerissa, Grenada
275 bgs, Nerissa, Grenada
NUX VOMICA—267 bgs, American Express Co, President Garfield, Cocanada
OIL—84 dms, Mitsubishi Shoji Kaisha, Vito, Yokohama
90 cs, Schenley Import Corp, Champlain, Havre
BAY—7 cs, Nerissa, Dominica
CAMPHOR—5 dms, Corn Exchange Bank, Hokkai, Keelung
25 dms, Hokkai, Keelung
CANANGA—2 dms, Geo Uhe Co, Steel Voyager, Batavia
3 dms, Catz American Co, Steel Voyager, Batavia
CARAWAY—1 dm, Dodge & Olcott Co, Volendam, Rotterdam
CHINAWOOD—425 tons, Spencer, Kellogg & Sons, Chinese Prince, Shanghai
200 tons, Spencer Kellogg & Sons,, President Wilson, Shanghai
280 tons, Mitsui & Co, President Wilson, Hankow
275 tons, S L Jones & Co, President Wilson, Hankow
258 tons, National City Bank, President Wilson, Hankow
318 tons, Mitsui & Co, Hokkai, Hankow
CINNAMON LEAF—5 dms, President Garfield, Colombo
CITRONELLA—4 dms, Stein, Hall & Co, Taybank, Batavia
2 dms, Dodge & Olcott Co, Muncaster Castle, Batavia
8 dms, Catz American Co, Chinese Prince, Batavia
11 dms, Chinese Prince, Colombo
20 dms, Catz American Co, Steel Voyager, Batavia
28 dms, Lo Curto & Funk, American Farmer, London
COCONUT—630 tons, Kirishima, Manila
COD—400 dms, Hamburg, Hamburg
150 dms, Bergensfjord, Oslo
500 dms, National Oil Prod Co, Bergensfjord, Aalesund
100 cks, E M Javitz Co, Bergensfjord, Aalesund
52 cks, F W Damon, Fort Townshend, St Johns
CODLIVER—200 bbls, 105 dms, E M Javitz Co, Bergensfjord, Aalesund
100 bbls, 100 dms, C L Huisking & Co, Bergensfjord, Aalesund
70 dms, Bergensfjord, Aalesund
50 dms, Schieffelin & Co, Bergensfjord, Bergen
174 dms, E R Squibb & Sons, Fort Townshend, St Johns
CORN—250 dms, Washington, Hamburg
100 dms, N C Littauer, Black Falcon, Antwerp
25 dms, Black Falcon, Antwerp
100 dms, American Farmer, London
COTTONSEED — 302 tons, Wilbur-Ellis Co, Kirishima, Kobe
412 dms, Western World, Santos
302 tons, Mitsui & Co, Hokkai, Osaka
ESSENTIAL—47 cs, Champlain, Havre
10 cs, Volendam, Rotterdam
41 pkgs, Ile de France, Havre
50 pkgs, President Garfield, Marseilles
FUEL—60,420 bbls, Asiatic Petroleum Corp, Eagle, Curacao
83,000 bbls, Standard Oil Co of N J, Thalia, Aruba
95,000 bbls, Standard Oil Co of N J, Esso Aruba, Aruba
66,000 bbls, Standard Oil Co of N J, Paul H Harwood, Aruba
GERANIUM—1 ck, President Garfield, Marseilles
LEMON—15 cs, E & J Burke, Exmoor, Palermo
1 dm, W Loaiza & Co, Yucatan, Vera Cruz
50 cs, Lo Curto & Funk, Clara, Messina
LEMONGRASS—5 dms, H A Sothern, Musa, Puerto Barrios
LIME—6 cs, Nerissa, Dominica
2 cs, Dodge & Olcott Co, Nerissa, Antigua
LUBRICATING—16 bbls, Shell Union Oil Corp, American Farmer, London
1 bbl, Standard Oil Development Co, American Farmer, London
MINERAL—30 dms, Hamburg, Hamburg
OLIVE—20 dms, Schroeder Bros, Exmoor, Genoa
620 cs, Exmoor, Genoa
200 dms, Leghorn Trading Co, Exmoor, Algiers
89 cs, Ossola Bros, Irland, Lisbon
35 cs, Queen Mary, Southampton
19 cs, Clara, Bari
20 dms, Clara, Palermo
100 bbls, Venice Import Co, Saturnia, Patras
84 cs, Saturnia, Palermo
95 dms, 75 cs, President Garfield, Nice
30 cs, President Garfield, Marseilles
405 cs, 21 dms, President Garfield, Genoa
PALM—900 tons, Van Leeuwen Boomkamp & Co, Tanimbar, Belawan Deli
250 tons, Tanimbar, Belawan Deli
681,000 kilos, Banque Belge Pour l'Etranger, Manchester Castle, Belawan
Quantity, Banque Belge Pour l'Etranger, Chinece Prince, Belawan
50 dms, I R Boody & Co, Volendam, Rotterdam
PALMAROSA—3 pots, Volkert Bros, President Garfield, Bombay
1 pot, President Garfield, Bombay
PALMKERNEL—565,000 kilos, Hamburg, Hamburg
PATCHOULI—5 cs, Chinese Prince, Singapore
1 dm, G Uhe Co, Steel Voyager, Batavia
PEANUT—912 tons, Procter & Gamble Co, Vito, Tsingtao
807 tons, Mitsubishi Shoji Kaisha, Taybank, Tsingtao
52 dms, Frey & Horgan, Volendam, Rotterdam
PERILLA—Quantity, Mitsui & Co, Kamikawa, Dairen
219 tons, Bank of California Nat Assn, Hokkai, Tientsin
PETITGRAIN—25 cs, W R Grace & Co, Western World, Buenos Aires

OIL, RAPESEED—100 dms, Hokkai, Kobe
100 dms, Mitsui & Co, Hokkai, Kobe
ROSEWOOD—54 dms, Boniface, Manaos
SANDALWOOD—9 cs, Magnus, Mabee & Reynard, President Garfield, Mauras
SAVIN—1 cs, Kachurin Drug Co, Saturnia, Trieste
SEAL—33 cks, Bowring & Co, Fort Amherst, St Johns
SOYBEAN — Quantity, Mitsubishi Shoji Kaisha, Kamikawa, Dairen
201 tons, Mitsubishi Shoji Kaisha, Hokkai, Tientsin
SPERM—25 dms, California, Glasgow
TEASEED—323 dms, Bunge North American Grain Co, Kamikawa, Shanghai
75 dms, East Asiatic Co, Kamikawa, Shanghai
100 dms, E M Sergeant Pulp & Chem Co, President Wilson, Hongkong
VEGETABLE—300 tons, S L Jones & Co, Kamikawa, Shanghai
100 dms, W R Grace & Co, Hokkai, Kobe
VETIVER—4 dms, Chase Natl Bank, Tanimbar, Batavia
1 dm, Tanimbar, Batavia
3 dms, Catz American Co, Steel Voyager, Batavia
YLANG YLANG — 2 dms, Steel Voyager, Aden
OPIUM — 14 cs, Mallinckrodt Chem Works, Queen Mary, Southampton
6 cs, Mallinckrodt Chem Works, American Farmer, London
PAPAIN—10 cs, S B Penick & Co, President Garfield, Colombo
11 cs, President Garfield, Colombo
PAPRIKA—100 bgs, Durkee Famous Foods, Hamburg, Hamburg
25 bgs, National Carloading Co, Hamburg, Hamburg
200 bgs, Hamburg, Hamburg
25 bgs, Victory Shipping Co, Hamburg, Hamburg
PARAFFIN — 16,000 bgs, Asiatic Petroleum Corp, Tanimbar, Balik Papan
2,082 bgs, Standard Oil Co of N J, Muncaster Castle, Palembang
2,032 bgs, Standard Oil Co of N J, Chinese Prince, Batavia
PARAFORMALDEHYDE — 50 dms, Laconia, Liverpool
PATCHOULI LEAVES—147 bls, Volkart Bros, Muncaster Castle, Penang
69 bls, Bank of Manhattan, Chinese Prince, Penang
PEATMOSS—2,000 bls, Hamburg, Hamburg
124 bls, Premier Peatmoss Corp, Black Falcon, Antwerp
PETROLEUM, CRUDE — 5,051,564 gls, Standard Oil Co of N J, J A Mowinckel, Cartagena
65,582 bbls, Warner-Quinlan Co, Cymbeline, Las Piedras
30 dms, Standard Oil Co of N J, Esso Aruba, Aruba
4,863,116 gls, Standard Oil Co of N J, Harry Seidel, Cartagena
108,751 bbls, Gulf Oil Corp, Gulfbird, Las Piedras
65,807 bbls, Gulf Oil Corp, Senator, Las Piedras
61,000 bbls, Standard Oil Co of N J, W L Steed, Aruba
80,320 bbls, Standard Oil Co of N J, T J Williams, Guiria
PITCH, STEARIN—43 bbls, A V Berner & Co, Lehigh, Manchester
45 bbls, Brooklyn Trust Co, American Farmer, London
PLASTER, DENTAL—28 dms, 2 cs, Fred Henjes, Gripsholm, Gothenburg
POPPYSEED—100 bgs, I Grob Co, Volendam, Rotterdam
50 bgs, Jaburg Bros, Volendam, Rotterdam
300 bgs, Levy & Levis Co, Volendam, Rotterdam
100 bgs, Jewett & Sherman, Volendam, Rotterdam
100 bgs, R L Friedler, Volendam, Rotterdam
POTASH PRUSSIATE—100 cks, Royal Bank of Canada, Black Osprey, Rotterdam
20 cks, Innis, Speiden & Co, Volendam, Rotterdam
SALT—20 kegs, P H Petry & Co, Queen Mary, Southampton
3 cs, 10 kegs, P H Petry & Co, American Farmer, London
SULPHATE—30 bbls, N V Potash Export My, Hamburg, Hamburg
100 dms, Manahan Chemical Co, Volendam, Rotterdam
PROTECTOL—60 cks, General Aniline Works, Hamburg, Hamburg
PUMICE—1,466 bgs, C B Chrystal & Co. Exmoor, Lipari
1,110 bgs, J H Rhodes & Co, Exmoor, Lipari
67 bgs, C B Chrystal & Co, Irland, Santorin
95 bgs, National Bank of Greece, Irland, Santorin
LUMP—3,449 bgs, J H Rhodes & Co, Exmoor, Lipari
PYRETHRUM FLOWERS—100 bls, H S Grove, Mombasa
80 bls, Saturnia, Dubrovnik
141 bls, Saturnia, Trieste
125 bls, J Powell & Co, Kamikawa, Kobe
75 bls, Guaranty Trust Co, Kamikawa, Kobe
PYRIDIN—15 cs, Monsanto Chemical Co, American Importer, Liverpool
PYRITES—5,920,420 kilos, Pyrites Co, Baron Ramay, Huelva
QUEBRACHO EXTRACT—800 bgs, International Product Corp, Western World, Buenos Aires
QUICKSILVER—50 flasks, Chase Natl Bank, Yucatan, Vera Cruz
50 flasks, Chase Natl Bank, Agwistar, Tampico
RESIN—9 cs, Paul Bertuch & Co, Boniface, Manaos
RHUBARB—24 cs, Brown Bros Harriman Co, Hokkai, Shanghai
2 cs, Hokkai, Shanghai
ROOT MEDICINAL—7 bgs, R D Hines, Hamburg, Hamburg
11 bls, S B Penick & Co, Hamburg, Hamburg
13 bgs, Saturnia, Trieste
SAGO FLOUR—1 bg, W R Grace & Co, Taybank, Singapore
8,000 bgs, Muncaster Castle, Singapore
4,800 bgs, Chase National Bank, Kirishima, Singapore
744 bgs, Kirishima, Singapore
372 bgs, Steel Voyager, Singapore
1,488 bgs, Stein, Hall & Co, Hokkai, Singapore
SANDALWOOD—20 bls, Peek & Velsor, Hamburg, Hamburg
SARDINE MEAL—2,620 bgs, Wessel, Duval & Co, Kirishima, Kobe
1,100 bgs, Mitsui & Co, Hokkai, Kobe
SARSAPARILLA ROOT—1 bdl, Gillespie & Co, Musa, Puerto Castilla
SAWDUST—888 bgs, State Chem Co, Volendam, Rotterdam
SCHEELITE ORE—591 bgs, Steel Voyager, Penang
SEAWEEDS—1,113 bgs, Feedwater, Inc, Laconia, Liverpool
SENNA LEAVES—167 bls, J H Rossbach & Bros, City of Sydney, Port Sudan
25 bls, J L Hopkins & Co, President Garfield, Colombo
15 bls, Peek & Velsor, President Garfield, Colombo
200 bls, President Garfield, Port Sudan
SIFTINGS—55 bls, J H Rossbach & Bros, City of Sydney, Port Sudan

SESAME SEED—100 bgs, Hokkai, Hongkong
SHELLAC—200 bgs, A Hurst & Co, City of Sydney, Calcutta
100 bgs, Gillespie-Rogers-Pyatt Co, City of Sydney, Calcutta
20 cs, A Hurst & Co, Volendam, Rotterdam
SEEDLAC—550 bgs, Guaranty Trust Co, City of Sydney, Calcutta
400 bgs, Gillespie-Rogers-Pyatt Co, City of Sydney, Calcutta
500 bgs, Bank of London & South America, City of Sydney, Calcutta
300 bgs, Brown Bros, Harriman Co, City of Sydney, Calcutta
200 bgs, Alfred Kramer, City of Sydney, Calcutta
SIENNA—30 bbls, Whittaker, Clark & Daniels, President Garfield, Genoa
SILICON CARBIDE—630 bgs, 10 cks, D C Andrews & Co, Bergensfjord, Eydehavn
SILVER SULPHIDE—116 bgs, Santo Lucia, Antofagasta
SOAP BARK—40 bgs, Peek & Velsor, Hamburg, Hamburg
SOAP—9 cs, H W Robinson & Co, Hamburg, Hamburg
5 cs, Westergaard-Berg-Johnson Co, Bergensfjord, Mandal
25 cs, American Express Co, Saturnia, Trieste
BASE—45 cs, Yardley & Co, American Farmer, London
LIQUID—3 cks, Hamburg, Hamburg
STEARIC ACID—12 cs, Yardley & Co, American Farmer, London
STEARIN CHIPS — 10 cs, Yardley & Co, American Farmer, London
SODA, CYANIDE—660 cyls, C Hardy, Champlain, Havre
176 dms, C Hardy, Ile de France, Havre
HYDROSULPHITE — 70 dms, 16,632 lbs, Hamburg, Hamburg
SOLVENTS—61 dms, C P Chem Solvent Co, Ponce, San Juan
SOYBEAN MEAL—15,000 bgs, Balfour, Guthrie & Co, Kamikawa, Dairen
SPONGES — 23 bls, Schroeder & Tremayne, Oriente, Havana
18 bls, Oriente, Hayana
37 bls, Santa Paula, Havana
39 bls, J E Bernard & Co, Santa Paula, Havana
5 bls, J H Rhodes & Co, President Wilson, Manila
9 cs, American Farmer, London
WASTE—20 bls, J E Bernard & Co, Santa Paula, Havana
98 bls, Johns Manville Corp, Santa Paula, Havana
SQUILL—184 bgs, Clara, Bari
73 bls, J L Hopkins & Co, Excambion, Italy
STARCH—17 cs, Burroughs, Wellcome & Co, American Farmer, London
RICE — 10 bgs, Yardley & Co, American Farmer, London
STORAX — 2 cs, Peek & Velsor, Saturnia, Trieste
17 bbls, Saturnia, Trieste
2 cs, Dodge & Olcott Co, President Garfield, Marseilles
TALC—300 bgs, Vito, Kobe
1,250 bgs, L A Salomon & Bros, Schodack, Bordeaux
700 bgs, C B Chrystal & Co, Schodack, Bordeaux
550 bgs, Whittaker, Clark & Daniels, Schodack, Bordeaux
5,000 bgs, East Asiatic Co, Kamikawa, Shanghai
TAMARINDS—12 bbls, Nerissa, Antigua
70 cks, City of Sydney, Calcutta
TANKAGE—200 bgs, Wilson & Co, Taubate, Santos
1,524 bgs, Taubate, Santos
336 bgs, Canadian Conqueror, Bluff
TANNING MATERIAL—5 cks, W J Jones & Co, Volendam, Rotterdam
TAPIOCA FLAKE—333 bgs, Stein, Hall & Co, Tanimbar, Sourabaya
FLOUR—1,450 bgs, Tanimbar, Sourabaya
2,293 bgs, Stein, Hall & Co, Tanimbar, Sourabaya
200 bgs, H P Winter & Co, Tanimbar, Sourabaya
1,231 bgs, Stein, Hall & Co, Tanimbar, Sourabaya
2,872 bgs, Stein, Hall & Co, Tanimbar, Batavia
750 bgs, American Cyanamid & Chem Co, Tanimbar, Batavia
1,250 bgs, National Adhesive Corp, Tanimbar, Batavia
1,000 bgs, Stein, Hall & Co, Tanimbar, Tjilatjap
1,000 bgs, Rutger Bleecker & Co, Tanimbar, Semarang
4,713 bgs, National Adhesive Corp, Taybank, Pasoeroen
1,000 bgs, Java American Export Co, Taybank, Sourabaya
500 bgs, Stein, Hall & Co, Taybank, Sourabaya
250 bgs, H P Winter & Co, Taybank, Cheribon
2,411 bgs, Stein, Hall & Co, Taybank, Cheribon
1,000 bgs, Bank of N Y Trust Co, Taybank, Cheribon
1,108 bgs, Commi Bank Trust Co, Taybank, Cheribon
500 bgs, National Adhesive Corp, Taybank, Cheribon
1,000 bgs, Chase Natl Bank, Taybank, Batavia
750 bgs, H P Winter & Co, Taybank, Batavia
1,080 bgs, Chase Natl Bank, Taybank, Batavia
3,901 bgs, Stein, Hall & Co, Taybank, Batavia
1,655 bgs, Chase Natl Bank, Muncaster Castle, Sourabaya
276 bgs, Java American Export Co, Muncaster Castle, Sourabaya
1,603 bgs, National Adhesive Corp, Muncaster Castle, Sourabaya
500 bgs, Stein, Hall & Co, Muncaster Castle, Sourabaya
500 bgs, National Adhesive Corp, Muncaster Castle, Cheribon
400 bgs, American Cyanamid & Chem Co, Muncaster Castle, Cheribon
500 bgs, Chase Natl Bank, Muncaster Castle, Cheribon
1,070 bgs, Balfour, Guthrie & Co, Muncaster Castle, Pamanoekan

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TAPIOCA FLOUR—250 bgs, American Cyanamid & Chem Co, Muncaster Castle, Pamanoekan
1,500 bgs, Philadelphia Natl Bank, Chinese Prince, Cheribon
1,579 bgs, National Adhesive Corp, Chinese Prince, Sourabaya
1,379 bgs, Chase Natl Bank, Chinese Prince, Sourabaya
1,002 bgs, Stein, Hall & Co, Chinese Prince, Sourabaya
1,000 bgs, H P Winter & Co, Chinese Prince, Cheribon
994 bgs, Stein, Hall & Co, Chinese Prince, Cheribon
250 bgs, Chinese Prince, Cheribon
3,110 bgs, Stein, Hall & Co, Chinese Prince, Batavia
500 bgs, Rutger Bleecker & Co, Steel Voyager, Batavia
500 bgs, Catz American Co, Steel Voyager, Cheribon
500 bgs, Arabol Mfg Co, Steel Voyager, Batavia
1,002 bgs, Stein, Hall & Co, Steel Voyager, Cheribon
1,071 bgs, Rutger, Bleecker & Co, Steel Voyager, Cheribon
1,000 bgs, Stein, Hall & Co, Steel Voyager, Tegal
1,022 bgs, A D Welds Sons, Steel Voyager, Sourabaya
SEED—53 bgs, Muncaster Castle, Batavia
TARTAR—368 bgs, Exmoor, Genoa
393 bgs, Charles Pfizer & Co, Exmoor, Algiers
180 bgs, Standard Brands, Inc, Iriland, Lisbon
175 bgs, Charles Pfizer & Co, President Garfield, Marseilles
89 bgs, Standard Brands, Inc, President Garfield, Marseilles
255 bgs, President Garfield, Marseilles
TEMPERING COMPOUND—30 dms, Ore & Chem Corp, Hamburg, Hamburg
TIMBO POWD—135 cs, Boniface, Para
1 pkg, Tropical Chem Co, Boniface, Para
RESIN—1 pkg, A N Leakway & Co, Boniface, Para
ROOT—100 bls, Kirishima, Singapore
TITANIUM PASTE — 30 crates, American Euka Corp, Volendam, Rotterdam
TOILET PREPS—14 cs, McKesson & Robbins, American Farmer, London
TONKA BEANS—16 cs, Guaranty Trust Co, Boniface, Manaos
3 cks, Western World, Port Spain
TUBA ROOT—30 bls, Muncaster Castle, Singapore
30 bls, Chase Nat Bk, Chinese Prince, Singapore
18 bls, President Garfield, Singapore
TUCUM KERNELS—185 bgs, National City Bank, Boniface, Tutoya
TUNGSTEN ORE—300 pkgs, Wah Chang Trading Corp, President Garfield, Hongkong
TURMERIC—67 bgs, President Garfield, Madras
TURPENTINE—9 dms, Lautier Freres, Schodack, Bordeaux
VALONEA — 7,105 bgs, Tannin Corp, Iriland, Izmir
VANILLA BEANS—26 cs, Tradesmen Nat Bk, Champlain, Havre
30 cs, Nerissa, Martinique
25 cs, J Manheimer, City of Sydney, Port Said
6 cs, Thurston & Braidich, Yucatan, Vera Cruz
51 cs, President Garfield, Marseilles
CUTS—3 cs, Thurston & Braidich, Yucatan, Vera Cruz
VARNISH—4 cs, F L Kraemer & Co, Europa, Bremen
WATER, MINERAL—225 cs, Exmoor, Naples
100 cns, Westergaard-Berg-John Co, Bergensfjord, Oslo
107 cs, Lausen Naeve Corp, American Farmer, London
WATTLE BARK—5,157 bls, H J Grove, Mombasa
220 bls, Tannin Corp, H S Grove, Durban
WAX, ANIMAL—3 bgs, A Hurst & Co, Volendam, Rotterdam
BEES—24 bgs, Will & Baumer Candle Co, Oriente, Havana
25 bgs, Lopez Serrano & Co, Oriente, Havana
46 bls, Iriland, Lisbon
8 bgs, Struller & Wood, Medea, Jeremie
9 bgs, Schutte & Focke, Coamo, Trujillo
101 bgs, D A Zorrilla, Agwistar, Tampico
859 bgs, Taubate, Santos
160 bgs, Western World, Santos
103 pkgs, President Garfield, Port Said
1 cs, President Garfield, Alexandria
CANDELILLA—66 bgs, W M Allison & Co, Agwistar, Tampico
195 bgs, D A Zorrilla, Agwistar, Tampico
654 bgs, M Argueso & Co, Agwistar, Tampico
CARNAUBA—28 bgs, Strohmeyer & Arpe Co, Boniface, Ceara
56 bgs, American Cyanamid & Chem Co, Boniface, Ceara
56 bgs, Innis, Speiden & Co, Boniface, Camocim
23 bgs, Strohmeyer & Arpe Co, Boniface, Camocim
30 bgs, Bank of London & South America, Boniface, Camocin
30 bgs, Strahl & Pitsch, Boniface, Areia
56 bgs, W M Allison & Co, Boniface, Areia
176 bgs, Strahl & Pitsch, Boniface, Tutoya
438 bgs, Innis, Speiden & Co, Boniface, Tutoya
164 bgs, Strohmeyer & Arpe Co, Boniface, Tutoya
50 bgs, F B Ross & Co, Boniface, Tutoya
56 bgs, W M Allison & Co, Boniface, Para
CERESIN—20 bgs, L A Salomon & Bros, Hamburg, Hamburg
MINERAL—20 bgs, General Dyestuff Corp, Volendam, Rotterdam
MONTAN—100 bgs, Strohmeyer & Arpe Co, Hamburg, Hamburg
OZOKERITE—100 bgs, Innis, Speiden & Co, Saturnia, Trieste
52 bgs, Strohmeyer & Arpe Co, Saturnia, Trieste
60 bgs, Smith & Nichols, Saturnia, Trieste
VEGETABLE—30 bgs, A Hurst & Co, California, Glasgow
67 bgs, A Hurst & Co, American Farmer, London
40 bgs, W M Allison & Co, American Farmer, London
WOLFRAM ORE—1,500 bgs, Hamburg, Hamburg
1,120 bgs, Hokkai, Shanghai
WOODFLOUR—700 bgs, B L Soberski, Bergensfjord, Fredrikstad
600 bgs, Burnett Co, Bergensfjord, Fredrikstad
3,000 bgs, Volendam, Rotterdam
YEAST—90 bbls, Valcun Yeast Co, Hamburg, Hamburg
ZINC AMMONIA CHLORIDE—21 dms, American Cyanamid & Chem Co, Black Falcon, Antwerp
ZIRCOMIUM SALT—3 cks, General Dyestuff Corp, Volendam, Rotterdam

New York Transit Imports

AGAR AGAR—23 bls, McKesson & Robbins, Hokkai, Kobe, Bridgeport
BLANC FIXE—43 cks, Volendam, Rotterdam, Rochester
BRISTLES—7 cs, H Rosenhirsch Co, Kirishima, Kobe, Providence
CARAWAY SEED—100 bgs, Volendam, Rotterdam, Cleveland
CASSIA—300 bls, American Spice Co, President Wilson, Hongkong, Chicago
50 bls, Jewett & Sherman, President Wilson, Canton, Milwaukee
GELATIN SHEET—54 cs, American Express Co, Volendam, Rotterdam, Rochester
MENTHOL—25 cs, McKesson & Robbins, Hokkai, Kobe, Bridgeport
NUTGALLS—240 bgs, Eastman Kodak Co, President Wilson, Hankow, Rochester
OIL, CHINAWOOD—430 tons, W G Smith Co, Chinese Prince, Shanghai, Cleveland
PERILLA—300 tons, W G Smith Co, Kirishima, Moji, Cleveland
OPIUM—23 cs, Mallinckrodt Chem Works, Washington, Southampton, St Louis
PAPAIN—71 cs, Carter Cummings & Co, President Garfield, Colombo, Buffalo
POPPYSEED—100 bgs, American Express Co, Volendam, Rotterdam, Chicago
SESAME SEED—25 bgs, Hirsch Bros, President Wilson, Hongkong, Chicago
SPONGES—12 bls, Santa Paula, Havana, Amsterdam
REFUSE—9 bls, Santa Paula, Havana, Amsterdam
TALC—201 bgs, Standard Bank of South Africa, H S Grove, Lourenco Marques, Chattanooga
WAX, CARNAUBA—22 bgs, Boniface, Ceara, Montreal
34 bgs, Boniface, Camocim, Montreal

Baltimore Imports

ALUMINUM POWDER—17 dms, American Express Co, City of Norfolk, Hamburg
ANTIMONY (CRUDE)—250 cs, Sanyo, Hankow via Shanghai
OXIDE—250 bgs, Peter Maersk, Canton
125 bgs, Waukegan, Liverpool
ARSENIC—627 bbls, General Chemical Co, City of Norfolk, Hamburg
CHEMICALS—500 bgs, 210 cks, African Metals Corp, Black Gull, Antwerp
CHROME ORE—8,000 tons, Mutual Chem Co, Stjerneborg, Nehoue
CLAY—320 cks, Black Gull, Rotterdam
FERROMANGANESE—250 cs, Sanyo, Tokyo via Yokohama
GLYCERIN—52 dms, Harpefjell, Antwerp
IRON ORE—21,700 tons, Bethlehem Steel Co, Bethore, Cruz Grande
22,400 tons, Bethlehem Steel Co, Marore, Cruz Grande
OXIDE—4 cks, E M & F Waldo, Waukegan, Liverpool
MAGNESITE—44,000 bgs, Order, Gausdal, Dairen
MANGANESE ORE—8,500 tons, Order, Wm A McKenney, Rio Janeiro
8,100 tons, Order, Orangemoor, Poti
6,300 tons, Order, Gypsum King, Santiago
MINERAL WATER—140 cs, Order, Harpefjell, Rotterdam
OIL, FUEL—55,000 bbls, Standard Oil Co N J, Ardor, Aruba
PALM—45 cks, Order, West Kebar, Abonnema, Nigeria
PALMKERNELS—4,966 bgs, West Kebar, Abonnema, Nigeria
5,052 bgs, West Kebar, Port Harcourt, Nigeria
6,988 bgs, West Kebar, Grand Popo
7,839 bgs, West Kebar, Cotonou, Dahomey
PETROLEUM, CRUDE—61,752 bbls, Standard Oil Co N J, Beaulieu, Las Piedras
61,573 bbls, Mexican Pet Corp, Aino, Las Piedras
POTASH, MURIATE—1,000 bgs, Black Gull, Antwerp
PYRITES—7,696 tons, Aymeric, Huelva
SESAME SEED—280 bgs, Sanyo, Hongkong

Boston Imports

AMMONIUM PHOSPHATE, DI — 173 bgs, 38,483 lbs, Synthetic Nitrogen Products Corp, Liberty, Hamburg
BAUXITE RESIDUE—200 bgs, 20 tons, 7 cwt, J Lee Smith & Co, Liberty, Leith
BITUMEN—28 bgs, American Farmer, London
BRISTLES—26 cs, Bank of Nova Scotia, Naruto, Tientsin
5 cs, American Farmer, London
COLOR, DRY—4 cs, Lehigh, Liverpool
EMERY POWDER—20 bgs, Nicholson & Co, American Farmer, London
FERTILIZER, LOAM — 150 tons, American Farmer, London
FISH LIVERS—1 cs, J A Rich, Evangeline, Yarmouth
1 cs, J A Rich, Yarmouth, Yarmouth
1 bbl, R A Hamilton, Evangeline, Yarmouth
2 cs, Atwood & Co, Evangeline, Yarmouth
MEAL—800 bgs, 80,000 lbs, Naruto, Kobe
FLAXSEED—79 bgs, 11,024 lbs, National City Bank, Capillo, Buenos Aires
GAMBIER—118 cs, Littlejohn & Co, Chinese Prince, Singapore
GLASS, PLATE — 1 cs, American Farmer, London
WINDOW—2 cs, 5,155 lbs, Liberty, Hamburg
2 cs, Wheeler Meserve Glass Co, Liberty, Hamburg
3 cs, 2,557 lbs, Karas & Karas Glass Co, Liberty, Hamburg
GLUE, MARINE PITCH—10 dms, 2 crts, L W Ferdinand & Co, American Farmer, London
GLUESTOCK, FISH SCRAP—1 cs, J R Poole, Evangeline, Yarmouth
1 bx, J R Poole, Yarmouth, Yarmouth
HIDE CUTTINGS—197 bgs, American Importer, Manchester
150 bgs, American Importer, Liverpool
GREASE, WOOL—59 bbls, American Importer, Manchester
GUM, ARABIC—50 bgs, 11,177 lbs, City of Sydney, Port Sudan
INDUSTRIAL—50 cks, J P Marston Co, Laconia, Liverpool
GYPSUM—5,850 tons, U S Gypsum Co, Gypsum Prince, Windsor
MACE—7 cs, Catz American Co, Chinese Prince, Macassar
MAGNESITE—40 bbls, Innis Speiden & Co, Edam, Rotterdam
200 bgs, Edam, Rotterdam
METALLIC MINERAL SUBSTANCE—1,798,954 lbs, Edam, Rotterdam
MICA SPLITTINGS—200 cs, Guaranty Trust Co, City of Sydney, Calcutta
530 cs, City of Sydney, Calcutta
125 cs, Wallace Bros & Co, City of Sydney, Calcutta
25 cs, National City Bank, City of Sydney, Calcutta
240 cs, Magdapur, Calcutta
MOLASSES—1,010,088 gls, New England Alcohol Corp, Gertrude Kellogg, Aquirre
390,963 gls, Commercial Molasses Corp, Gertrude Kellogg, San Juan
OIL, COCONUT—504 tons, First National Bank, Kongo, Cebu
COD—290 csks, 400 dms, 23 bbls, 315,004 lbs, Liberty, Hamburg
FISHLIVER—30 dms, 7,474 lbs, Liberty, Hamburg
FUEL—34,000 bbls, 1,428,000 gls, Colonial Beacon Oil Co, Beaconstreet, Aruba
OLIVE SULPHUR—175 dms, 37 tons, 16 cwt, 4 lbs, Chase National Bank, Lehigh, Liverpool
PALMKERNEL—705,289 lbs, Edam, Rotterdam
SPERM—100 bbls, 65 dms, California, Glasgow
PEATMOSS—1,000 bls, 118,717 lbs, Liberty, Hamburg
550 bls, 63,051 lbs, Premier Peatmoss Corp, Liberty, Hamburg
100 bls, John A Conkey & Co, Edam, Rotterdam
PETROLEUM, CRUDE—42,026 bbls, 6,517 tons, Colonial Beacon Oil Co, Beaconstreet, Las Piedras
PRUNELLA, GLOB—2 cs, United Drug Co, American Farmer, London
QUEBRACHO EXTRACT—14,756 bgs, 1,599,025 lbs, American Tanners, Capillo, Buenos Aires
1,950 bgs, 201,380 lbs, International Products Co, Capillo, Buenos Aires
7,353 bgs, 787,400 lbs, Tannin Corp, Capillo, Buenos Aires
SAWDUST—400 bgs, State Chemical Co, Edam, Rotterdam
SEAWEED—1,674 bls, 123,351 lbs, Liberty, Hamburg
SHELLAC—75 bgs, Liberty, London
50 bgs, Grace National Bank, American Farmer, London
BUTTONLAC—50 bgs, Liberty, London
SOAP, TOILET—30 cs, Jordan Marsh Co, American Farmer, London
1 cs, American Express Co, American Farmer, London
STARCH, CHEMICALLY TREATED—590 bgs, Edam, Rotterdam
TANKAGE, GROUND—994 bgs, 110,263 lbs, Capillo, Buenos Aires
TAPIOCA FLOUR—250 bgs, Philadelphia Natl Bank, Chinese Prince, Cheribon
500 bgs, Catz American Co, Steel Voyager, Batavia
267 bgs, Balfour, Guthrie & Co, Steel Voyager, Pamanoekan
552 bgs, Guaranty Trust Co, Steel Voyager, Sourabaya
UREA—120 bgs, Synthetic Nitrogen Products, Edam, Rotterdam
VEGETABLE PROTEIN EXTRACT—6 cs, Edam, Rotterdam
WATER, MINERAL—130 cs, Stone & Downer, Edam, Rotterdam
147 cs, S S Pierce Co, American Farmer, London
WAX, BEES—33 bgs, City of Sydney, Calcutta
WOOD PRESERVATIVE—4 dms, 15 cwt, 3 qtrs, 12 lbs, Cuprinol, Inc, Laconia, Liverpool
YEAST, DEBITTERED—34 dms, 2 tons, 1 cwt, 2 qtrs, 27 lbs, United Drug Co, Laconia, Liverpool

Boston Transit Imports

INSECTICIDE—1 cs, American Express Co, American Farmer, London (for Detroit)
SOAP, TOILET—8 cs, American Express Co, American Farmer, London (for St. Louis)
2 cs, American Express Co, American Farmer, London (for Cleveland)

Houston Imports

COCOA BEANS—30 bgs, Genevieve Lykes, Ciudad Trujillo
CREOSOTE—230 dms, Bruxelles, Antwerp

Los Angeles Imports

ACID, CRESYLIC—12,000 lbs, Pacific Exporter, Bradford
ADEPS LANAE—5 lbs, Koryu, Japan
AGAR AGAR—3,170 lbs, Tatsuta, Kobe
AMMONIA CARBONATE—5,000 lbs, Damsterdijk, Hamburg
PHOSPHATE—241,920 lbs, Kingsley, Trail
SULPHATE—439,040 lbs, Kingsley, Trail
AMMONIAC SAL—1,650 lbs, Damsterdijk, Hamburg
CALCIUM CHLORIDE—87,750 lbs, Damsterdijk, Koln
CARAWAY SEED—8,250 lbs, Damsterdijk, Rotterdam
CASSIA—14,000 lbs, Takaoka, China
CHALK, BLOCK—280,000 lbs, Damsterdijk, London
CHEMICALS—1,280 lbs, Naruto, Yokohama
5 lbs, Tatsuta, Kobe
CHINA CLAY—174,050 lbs, Damsterdijk, Plymouth
CLAY, VOLLENDAR—8,600 lbs, Damsterdijk, Ransbach, Germany
COCONUT, DESIC—36,390 lbs, Tai Yin, Manila
COCOA BEAN MEAL—501,760 lbs, Damsterdijk, Brussels
COLORS, CERAMIC—270 lbs, Damsterdijk, Birmingham
COPRA—1,825,600 lbs, Golden Dragon, Manila
2,927,680 lbs, Golden Dragon, Cebu
MEAL—2,168,000 lbs, Golden Dragon, Manila
400,000 lbs, President Hoover, Philippine Islands
600,000 lbs, Silverbelle, Cebu
100,000 lbs, Silverbelle, Philippine Islands
200,000 lbs, Silverbelle, Manila
CORK, FLOATS—6,600 lbs, Damsterdijk, Lisbon
DRUGS, CRUDE—220 lbs, President Hoover, Hongkong
DUSTING POWDER—40 lbs, From London
FISH LIVERS—2,800 lbs, President Hoover, Yokohama
34,430 lbs, Kamikawa, Yokohama
GLASS, PLATE—21 cs, 56,240 lbs, Damsterdijk, Brussels
SHEET—3,740 lbs, Nansenville, Brussels
3,690 lbs, Seattle, Charleroi
3,190 lbs, Pacific Exporter, Birmingham
GRAPHITE AMORPHUS—44,850 lbs, Takaoka, Korea
GUM, COPAL—11,690 lbs, Hoegh Merchant, Macassar
1,590 lbs, Sembilan, Macassar
HAIR DYE—100 lbs, Koryu, Kobe
LEAD PIGMENTS, DRY—100 lbs, Ping An, Osaka
LIME—190,650 lbs, Kingsley, Vancouver
MACE—2,190 lbs, Hoegh Merchant, Macassar
MATCHES, SAFETY — 120 lbs, Damsterdijk, London
MEDICINAL PREPS—60 lbs, President Hoover, Yokohama
OIL, CHINAWOOD — 645,300 lbs, Takoaka, Shanghai
COCONUT—1,792,000 lbs, Silverbelle, Manila
1,106,590 lbs, Granville, Phila Isl
COTTONSEED, REF—112,260 lbs, Leikanger, Pernambuco
COTTONSEED, SEMI-REF — 111,840 lbs, Leikanger, Sao Paula
CREOSOTE — 4,642,250 lbs, Bente Maersk, London
CYLINDER—6,040 lbs, Damsterdijk, London
ENGINE—29,650 lbs. Damsterdijk, London
LUBRICATING—1,680 lbs, Monterey, Adelaide
MINERAL—14,200 lbs, from Antwerp
NUT—101,240 lbs, President Hoover, Tientsin
63,000 lbs, President Hoover, Hongkong
OLIVE—37,980 lbs, Rialto, Marseilles
5,840 lbs, President Polk, Genoa
PALM—1,078,130 lbs, Granville, Medan
PEANUT—1,400 lbs, President Wilson, Hongkong
3,240 lbs, President Hoover, Hongkong
SESAME SEED—604,800 lbs, President Hoover, Shanghai
SOYBEAN—200 lbs, Koyei, Yokohama
TEASEED—627,200 lbs, Takoaka, Hankow
PALM KERNELS — 2,818,720 lbs, Hallaren, Abonema
1,760,360 lbs, Hallaren, Lagos
PALM KERNELS—8,594,980 lbs, Hallaren, Calabar
2,179,520 lbs, Hallaren, Opobo
PEPPER, BLACK—600 lbs, from Straits Settlement
UNGROUND—22,400 lbs, President Wilson, Madras
POPPYSEED—5,500 lbs, Damsterdijk, Rotterdam
POTASH CARBONATE—11,020 lbs, Damsterdijk, Rotterdam
SEEDLAC—16,400 lbs, Silverbelle, Calcutta
SESAME SEED—13,000 lbs, President Hoover, China
SOAP—250 lbs, Koryu, Kobe
SADDLE—140 lbs, Damsterdijk, London
TOILET—5 lbs, Dinteldijk, London
120 lbs from London
SODA, CYANIDE—20,000 lbs, Damsterdijk, Amsterdam
STARCH, RICE—2,200 lbs, Amsterdijk, Amsterdam
TAPIOCA FLOUR—88,800 lbs, Silverbelle, Batavia
TOILET PREPS—30 lbs, Tatsuta, Kobe
TUCUM KERNELS—223,520 lbs, West Iris, Para
WATER, MINERAL—2,500 lbs, President Polk, Naples
1,840 lbs, Damsterdijk, Cologne
WAX, CARNAUBA—6,610 lbs, Leikanger, Parnahyba

New Orleans Imports

ACID, ARSENIC—143 bbls, Istria, Marseilles
BAUXITE ORE—2,580 tons, Republic Mining & Mfg Co, Austvangen, Paramaribo
BLEACHING POWDER—127 pkgs, R Ramelli, Nevada, Havre
CLAY MUD—4 sx, A Green Fire Brick Co, Tivives, Havana
COCOA BEANS — 9 cs, S Jackson, Tivives, Puerto Limon
COCONUTS—125 sx, W R Grace & Co, Contessa, Cristobal
100 sx, Whitney Bank, Contessa, Cristobal
50 sx, J Meyer, Austvangen, Kingston
COPRA—160 tons, Edgehill, Hinigaran
1,800 tons, Procter & Gamble Trading Co, Scottsburg, Cebu
700 tons, Procter & Gamble Trading Co, Scottsburg, Cagayan
330 tons, Procter & Gamble Trading Co, Scottsburg, Iloilo
OCHER—75 bbls, Geo Wm Rueff, Istria, Marseilles
73 bbls, Istria, Marseilles
OIL, OLIVE—75 cs, Istria, Genoa
200 cs, Istria, Leghorn
350 cs, Istria, Marseilles
SOAP—20 cs, Istria, Marseilles
TALC—800 sx, Istria, Genoa
200 sx, I C R R, American Press, Genoa

Norfolk Imports

ALUMINUM SILICATE ORE—239 tons, 1 cwt, Markhor, Calcutta
BONEMEAL—600 bgs, Markhor, Calcutta
BONES—976 bgs, 20 tons, Bank of Buchannan, Va, Uruguayo, Buenos Aires
294 bgs, 8 tons, Uruguayo, Buenos Aires
ROUND BLADE—281 bgs, 8 tons, Uruguayo, Buenos Aires
SHANK—603 bgs, 29 tons, Uruguayo, Buenos Aires
CHEMICALS — 133 dms, 16,796 lbs, Black Eagle, Antwerp
CRACKLINGS — 1,013 bgs, 49 tons, H J Baker & Bros, N Y, Uruguayo, Buenos Aires
FERTILIZER — 2,071 bls, 127,472 lbs, Black Eagle, Antwerp
GYPSUM, ROCK—2,000 tons, F S Royster Guano Co, Ulva, Walton, N S
LEATHER SCRAP — 1,356 bls, 40,000 lbs, Smith-Rowland Co, Black Eagle, Antwerp
OIL, COTTONSEED—534 dms, 110 tons, Uruguayo, Buenos Aires
PEATMOSS—200 bls, City of Baltimore, Hamburg
PETROLEUM, CRUDE — 40,000 bbls, Texas Co, Benedick, Tampico
TALLOW, EDIBLE—277 bbls, 57 tons, Swift & Co, Uruguayo, Buenos Aires

Philadelphia Imports

ACIDS, COTTONSEED OIL—50 bbls, Lehigh, Manchester
CRESYLIC—85 dms, Lehigh, Liverpool
50 dms, Lehigh, Manchester
55 dms, John H Faunce, Lehigh, Manchester
ALBUMEN, EGG, HEN—56 cs, Central Hanover Bank & Trust Co, Sanyo, Tientsin
56 cs, Central Hanover Bank & Trust Co, Naruto, Tientsin
ASBESTOS, FIBRE—200 bgs, Alex. Murphy & Co, Tabor, Kotka
17,000 bgs, Keasby & Mattison Co, Exmouth, Limassol
BONEMEAL—544 bgs, Barbarigo, Fiume
CASSIA—235 bls, City of Lyons, Belawan Deli
190 bls, Tanimbar, Padang
COCOA BEANS—1,643 bgs, United Africa Co, New Toronto, Koko
4,694 bgs, Balfour, Guthrie & Co, New Toronto, Lagos
1,600 bgs, Balfour, Guthrie & Co, New Toronto, Addah
1,600 bgs, Balfour, Guthrie & Co, New Toronto, Accra
1,450 bgs, Chemnitz, Hamburg
23,000 bgs, Thule, Ilheos
3,600 bgs, Thule, Bahia
5,400 bgs, Ayuroca, Bahia
FIBRE—100 bls, First National Bank, Mahsud, Calcutta
COCONUTS—46 bgs, Ed Freeman, Barbara, Mayaguez
CORK—4,529 bls, Armstrong Cork Co, Montello, Faro
22,081 bls, Armstrong Cork Co, Montello, Lisbon
WASTE—3,022 bls, Exmouth, Lisbon
569 bls, Wicander & Co, Exmouth, Lisbon
3,022 bls, Wicander & Co, Exmouth, Lisbon
EGG YOLK, HEN—56 cs, Central Hanover Bank & Trust Co, Sanyo, Tientsin
ETHYLENE DIBROMIDE—92 dms, Howe Importing Co, Chemnitz, Hamburg
FERTILIZER—3,038 bgs, Ayuruoca, Santos
GAMBIER—260 cs, Chase National Bank, City of Lyons, Singapore
GARNET, LAC—100 bgs, Grace National Bank, Mahsud, Calcutta
GLUE BONE, LOOSE—200 bgs, Barbarigo, Trieste
GREASE—22 cs, Lehigh, Liverpool
GUM COPAL—78 bskts, Chase National Bank, Kota Inten, Macassar
201 bskts, Guaranty Trust Co, Tanimbar, Macassar
HONEY—8 bbls, J Strohmeyer & Co, Barbara, Mayaguez
24 bbls, J Strohmeyer & Co, Barbara, San Juan
IRON ORE—3,500 tons, E J Lavino & Co, Fernmoor, Saban
LICORICE ROOT—8,841 bls, McAndrews & Forbes Co, Llanishen, Poti
MACE—45 cs, Kota Inten, Macassar
MAGNESITE CLEANER—2,400 bgs Maruto, Dairen
MAGNESITE—550 bgs, Exmouth, Salonica
20,000 bgs, Mitsubishi Shoji Kaisha, Anubis, Dairen

MINERAL WATER—120 cs, John Wagner & Sons, Lehigh, Liverpool
MOLASSES—346,967 gls, American Molasses Co, Amoico, Vita
488,808 gls, American Molasses Co, Amoico, Port au Prince
MYROBALANS—4,340 pkts, Mahsud, Calcutta
7,400 pkts, Guaranty Trust Co, Mahsud, Calcutta
NAPHTHALENE, CRUDE—439 bgs, John H Faunce & Co, Lehigh, Manchester
NUTGALLS—200 bgs, Sanyo, Shanghai
NUTMEGS—84 bgs, Tanimbar, Padang
83 bgs, Tanimbar, Samarang
OIL, CODLIVER—108 dms, W Fischer, Chemnitz, Hamburg
OLIVE—420 cs, Barbarigo, Genoa
805 cs, Barbarigo, Leghorn
PALM—725,136 tons, Balfour, Guthrie & Co, New Toronto, Port Harcourt
TEASEED—100 dms, Bank of New York, Naruto, Hankow via Shanghai
PAPRIKA—160 cs, Chemnitz, Bremen
PEATMOSS—2,000 bls, Chemnitz, Bremen
200 bls, Premier Peatmoss Corp, Scanyork, Copenhagen
PETROLEUM, CRUDE—95,578 bbls, Gulf Oil Corp, Gulfpenn, Las Piedras
111,162 bbls, Gulf Oil Corp, Gulfhawk, Las Piedras
POTASH, MURIATE—1,659,000 kos, N V Potash Export Mij, Chemnitz, Hamburg
SULPHATE—500 bgs, N V Potash Export Mij, Chemnitz, Hamburg
PYRETHRUM FLOWERS—125 bls, McCormick & Co, Vito, Kobe
PYRITES ORE—7,861 tons, Rokos Vergottis, Huelva
ROSIN, DISTILLED LIQUID—6 bbls, Quaker Chemical Products Corp, Scanmail, Kotka
SARDINE MEAL—1,700 bgs, Naruto, Kobe
6,000 bgs, Anubis, Kobe
TALC—100 bgs, Chas Mathieu, Barbarigo, Genoa
TAPIOCA FLAKE SIFTINGS—426 bgs, National City Bank, Kota Inten, Sourabaya
FLOUR—500 bgs, Philadelphia National Bank, City of Lyons, Batavia
1,841 bgs, Guaranty Trust Co, City of Lyons, Batavia
750 bgs, Chase National Bank, City of Lyons, Batavia
250 bgs, Philadelphia National Bank, Phemius, Cheribon
575 bgs, First National Bank, Phemius, Batavia
300 bgs, Kota Inten, Tegal
742 bgs, Guaranty Trust Co, Sanyo, Singapore via Kobe
1,017 bgs, Balfour, Guthrie & Co, Tanimbar, Batavia
1,150 bgs, First National Bank, Tanimbar, Batavia
UMBER, RAW POWD—30 cks, Central Penn National Bank, Exmouth, Larnaca

Portland, Ore., Imports

GLASS, WINDOW—252 cs, U S National Bank of Portland, Washington, Antwerp
GUM, COPAL—124 bskts, Hongkong & Shanghai Banking Corp, Salawati, Macassar
IRON SAND—114 sks, Bailey Co, Pacific Reliance, Glasgow
FLAXSEED—26,007 sks, Hollywood, Rosario
8,100 sks, Hollywood, Buenos Aires
OIL, LUBRICATING—11 dms, Hahman Transfer Co, Dinteldijk, London
QUEBRACHO EXTRACT — 200 sks, International Prolucts Co, West Nilus, Buenos Aires
SILVERSAND—200 tons, Balfour, Guthrie & Co, Washington, Antwerp
SODA CHLORATE—2,000 kegs, International Selling Corp, Washington, Havre
CYANIDE—300 cs, American Cyanamid & Chemical Corp, Dinteldijk, Rotterdam
TAPIOCA FLOUR—548 sks, American Trust Co, Salawati, Sourabaya
300 sks, Guaranty Trust Co of N Y, Salawati, Batavia
WAX, REF'D—2,108 sks, Patterson Shipping Co, Salawati, Soengei Gerong
1,361 sks, Patterson Shipping Co, Roseville, Palembang

San Francisco Imports

ACID, FATTY — 200 sks, Mitsubishi Shoji Kaisha, Koyei, Yokohama
ALBUMEN, EGG, HEN—28 cs, Stein, Hall & Co, President Wilson, Shanghai
11 cs, Bashaw Co, Tatsuta, Tientsin
AMMONIA CARBONATE — 15 cs, Parthenia, Glasgow
PHOSPHATE, DIBASIC—45 cks, Wilson & George Meyer & Co, Seattle, Hamburg
PHOSPHATE AND SULPHATE—136 sks, Wilson & George Meyer & Co, Weser, Hamburg
ARGOLS—168 sks, W R Grace & Co, Santa Paula, Chile
BLEACHING POWDER—75 dms, Wilson & George Meyer & Co, Wesser, Antwerp
CALCIUM COMPOUND—800 cs, International Trading Co, Koyei, Yokohama
800 cs, International Trading Co, Taihei, Yokohama
NITRATE—500 sks, Wilson & George Meyer & Co, Nansenville, Heroen-Porsgrund
CASSIA—100 bls, A Schilling & Co, President Wilson, Hongkong
CHALK—200 sks, Nansenville, Antwerp
CRUDDE—225,000 kilos, S A Winther & Co, Weser, Hamburg (for Oakland)
CHEMICALS—30 csks, D C Andrews & Co, Seattle, Hamburg
74 dms, Seattle, Hamburg
150 sks, E I duPont de Nemours & Co, The R & H Chemicals Dept, Seattle, Bremen
40 csks, Advance Solvents & Chemical Corp, Nansenville, Heroen-Porsgrund
30 dms, Advance Solvents & Chemical Corp, Nansenville, Heroen-Porsgrund (for Oakland)
100 sks, F W Berk & Co, Weser, Hamburg
150 sks, Chase National Bank, Weser, Bremen
CINNAMON QUILLS—50 bls, Gale T German, President Wilson, Hongkong
50 bls, D Hecht & Co, President Wilson, Hongkong
COCOA BEANS—250 sks, Seattle, Cristobal
288 sks, Wightman & Crane, Wairuna, Apia
250 sks, W R Grace & Co, Santa Paula, Guayaquil
350 sks, Vandel Commercial Co, Weser, Cristobal
COCONUT, DESIC—1 cs, President Wilson, Zamboanga
919 cs, Durkee Famous Foods, President Wilson, Manila
1,600 cs, Philippine Desiccated Coconut Corp, President Wilson, Manila
COCONUTS—25 sks, Pacific Coconut Co, Wairuna, Papeete
COPRA—1,495 sks, J N Raymond, Wairuna, Suva
3,677 sks, Wairuna, Suva
2,893 sks, Williams Dimond & Co, Wairuna, Suva
98 sks, Bank of New Zealand, Wairuna, Apia
5,594 sks, Wairuna, Apia
2,867 sks, Wightman & Crane, Wairuna, Apia
3,777 sks, H M Newhall & Co, Wairuna, Apia
CORKFLOATS—20 bls, Weser, Hamburg
COTTONSEED MEAL — 1,000 sks, Wilbur-Ellis Co, Koyei, Kobe
2,000 sks, Mitsubishi Trading Co, Koyei, Kobe
EGG YOLK, HEN, DRIED — 56 cs, Bashaw Co, Tatsuta, Tientsin
FERTILIZER COMPOUND—2,000 sks, International Trading Co, Koyei, Yokohama
FISH MEAL—30 cs, Nippon Co, Koyei, Nagoya
FLINT PEBBLES—360 sks, Balfour, Guthrie & Co, Weser, Hamburg
GINGER ROOT—24 pkgs, President Wilson, Hongkong
20 pkgs, Tatsuta, Yokohama
GLASS, PLATE—21 cs, Brown Bros, Harriman & Co, Nansenville, Antwerp (for Oakland)
SHEET—100 cs, Walter Andrews, Seattle, Antwerp (for Oakland)
232 cs, Walter Andrews, Seattle, Antwerp
WINDOW — 14 cs, Newman, McWilliams Glass Co, Seattle, Antwerp
10 cs, Pacific National Bank, Seattle, Antwerp
127 cs, Smith Glass Co, Seattle, Antwerp
33 cs, Nansenville, Antwerp
1,129 cs, Pacific National Bank, Nansenville, Antwerp
52 cs, Pacific National Bank, Nansenville, Antwerp (for Oakland)
150 cs, Mitsubishi Shoji Kaisha, Tatsuta, Osaka
5 cs, R K Davidson, Weser, Hamburg
635 cs, Smith Glass Co, Weser, Antwerp
GOURMET POWDER—18 cs, Suen Mark & Co, President Wilson, Hongkong
GUM ARABIC—30 sks, Weser, Hamburg
HERBS, MEDICINAL—31 sks, Nature's Herb Co, Weser, Hamburg
ISINGLASS—5 bls, S Ishimitsu Co, Tatsuta, Kobe
KAVA KAVA—215 sks, S B Penick & Co, Manulani, Hilo
KELP, CRUDE — 20 cs, North American Mercantile Co, Tatsuta, Yokohama
POWDERED—6 cs, Oakland Food Products Co, President Wilson, Yokohama
LINSEED MEAL—6,000 sks, Balfour, Guthrie & Co, Koyei, Kobe
1,000 sks, Mitsubishi Shoji Kaisha, Koyei, Yokohama
600 sks, Balfour, Guthrie & Co, Taihei, Kobe
3,000 sks, Mitsubishi Shoji Kaisha, Taihei, Nagoya
MEDICINAL PREPS — 1 cs, Daimaru Co, Taihei, Yokohama
2 cs, Fung Chong, President Wilson, Hongkong
4 cs, Chong Sing Co, President Wilson, Hongkong
67 pkgs, Fong Poy, President Wilson, Hongkong
3 cs, The Columbia Co, President Wilson, Hongkong
MEDICINAL PREPS—6 cs, Hosoda Bros, Tatsuta, Kobe
2 cs, Hinomoto Co, Tatsuta, Yokohama
MENTHOL—100 cs, Brown & Williamson Tobacco Co, Tatsuta, Osaka
MOLASSES—1,610,000 lbs, Manoa, Port Allen
NUTGALLS—840 sks, Mallinckrodt Chemical Works, Tatsuta, Shanghai
OIL, CHINAWOOD—50 dms, D Hecht & Co, Tatsuta, Hongkong
CODLIVER—100 dms, Fred Olsen Line Agency, Nansenville, Oslo (for Oakland)
COTTONSEED—765,194 lbs, Pacific Vegetable Oil Corpn, Koyei, Kobe
148 tons, Pacific Vegetable Oil Corpn, Tatsuta, Kobe
137 dms, Arnhold & Co, Tatsuta, Tientsin
120 dms, Durkee Famous Foods, Tatsuta, Tientsin
1,133 dms, Phyllis Soto, Taku Bar
EUCALYPTUS—3 dms, H M Newhall & Co, Taihei, Kobe
FISH, HARD—100 sks, Mitsubishi-Shoji-Kaisha, Koyei, Yokohama
PEANUT—20 cs, Chew Chong Tai, President Wilson, Hongkong
180 cs, Columbia Co, President Wilson, Hongkong
PERILLA—150 dms, Mitsubishi-Shoji-Kaisha, Taihei, Nagoya
400 tons, Werner G Smith Co, Phyllis Soto, Dairen
SEAL—5 dms, Nansenville, Oslo
SESAME—5 cs, Hong Sang Co, President Wilson, Hongkong
5 cs, Kwong Yick, President Wilson, Hongkong
SOYBEAN, REFD—250 tins, Mitsubishi-Shoji-Kaisha, Tatsuta, Dairen
VEGETABLE—5 cs, H Sakai & Co, Taihei, Kobe
PAPRIKA—50 sks, McClintock-Stern Co, Seattle, Hamburg
75 sks, S H Tyler & Son, Seattle, Hamburg
100 sks, A Schilling & Co, Seattle, Hamburg
50 bls, California Casing Co, Weser, Hamburg
PAW PAW JUICE—5 cs, Crocker First National Bank, Wairuna, Apia
PEANUT MEAL—3,000 sks, Balfour, Guthrie & Co, Phyllis Soto, Dairen
PEATMOSS—500 bls, Peat Import Corpn, Seattle, Bremen (for Oakland)
1,130 bls, Wilson & George Meyer & Co, Nansenville, Oslo
200 bls, Peat Import Corpn, Weser, Bremen
1,900 bls, Peat Import Corpn, Weser, Bremen (for Oakland)
PERILLA MEAL—5,000 sks, Balfour, Guthrie & Co, Phyllis Soto, Dairen
500 sks, Durkee Famous Foods, Phyllis Soto, Dairen
POTASH CHLORATE, POWD—500 csks, Uniform Chemical Products, Weser, Hamburg (for Oakland)
QUININE WATER—5 cs, E & J Burke, Parthenia, Liverpool
RESIN—60 sks, Seattle, Antwerp
RICE BRAN MEAL—83 sks, Mitsubishi-Shoji-Kaisha, Koyei, Kobe
1,000 sks, Mitsubishi-Shoji-Kaisha, Koyei, Yokohama
1,000 sks, Mitsubishi-Shoji-Kaisha, Taihei, Yokohama
SARDINE MEAL—2,000 sks, Otto Sales Co, Koyei, Kobe
4,000 sks, Otto Sales Co, Taihei, Kobe
2,500 sks, M W Park & Co, Taihei, Kobe
SESAME SEED—150 sks, S L Jones & Co, President Wilson, Hongkong
50 sks, Tatsuta, Hongkong
SOAP, TOILET—5 cs, Pacific Trading Co, Koyei, Yokohama
SOYBEAN MEAL—9,100 sks, Balfour, Guthrie & Co, Phyllis Soto, Dairen
1,500 sks, Mitsubishi Shoji Kaisha, Phyllis Soto, Dairen
6,000 sks, Albers Bros Milling Co, Phyllis Soto, Dairen (for Oakland)
6,000 sks, Balfour, Guthrie & Co, Phyllis Soto, Dairen (for Oakland)
TALLOW—250 dms, Anglo-California National Bank, Wairuna, Melbourne
3 dms, Manulani, Kahului
TANKAGE—1,680 sks, Wairuna, Dunedin
TAR—100 dms, C J Hendry Co, Parthenia, Glasgow
TOILET PREPS—1 cs, S Ishimitsu Co, Koyei, Kobe
2 cs, Pacific Trading Co, Koyei, Kobe
1 cs, Mutual Supply Co, Koyei, Kobe
2 cs, Mutual Supply Co, Taihei, Kobe
2 cs, Pacific Trading Co, Taihei, Yokohama
3 cs, Hosoda Bros, Tatsuta, Kobe
VANILLA BEANS—7 cs, Williams Dimond Co, Wairuna, Papeete
WHITING—27 cks, East Asiatic Co, Weser, Hamburg

Savannah Imports

PETROLEUM, CRUDE—10,493 tons, Vinga, Las Piedras

Seattle Imports

CANARY SEED—236 sks, West Nilus, Buenos Aires
CHEMICALS—2 cks, Waters & Rogers, Dinteldijk, Rotterdam
60 dms, Dinteldijk, Rotterdam
COCOA BEANS—500 sks, West Nilus, Bahia
300 sks, West Nilus, Para
CORK FLOATS—25 bls, Mundet Cork Corp, Dinteldijk, London
CORKS—50 sks, Mundet Cork Corp, Dinteldijk, Rotterdam
NUTMEGS—50 sks, Crocker First National Bank, West Nilus, Port of Spain
SODA NITRATE—3,992 sks, Chilean Nitrate Sales Corp, Coya, Tocopilla
SILVERSAND—500 tons, Balfour, Guthrie & Co, Washington, Antwerp
TANKAGE, DRY—4,580 sks, Swift & Co, West Nilus, Montevideo
TAPIOCA FLAKE—128 sks, American Trust Co, Salawati, Sourabaya
FLOUR—56 sks, American Trust Co, Salawati, Sourabaya
WAX, REF'D—1,261 sks, Patterson Shipping Co, Salawati, Batavia
424 sks, Patterson Shipping Co, Roseville, Palembang

Tacoma Imports

CORKS—11 sks, Mundet Cork Corp, Dinteldijk, Rotterdam
GLYCERIN, DYNAMITE — 200 dms, Indien, Marseilles
TAPIOCA FLOUR—375 sks, Philadelphia National Bank, Salawati, Cheribon

Tampa Imports

BONE MEAL—1,093 bgs, Laura C, Trieste
COCONUTS—1,025, Angrer, Trujillo
FERTILIZER, NITROGENOUS — 4,000 bgs, Laura C, Naples
PEANUT MEAL—3,016 bgs, Laura C, Trieste

Exports From U.S. Ports

New York Exports

Clearance Dates

Agwistar, July 2; Amapala, July 9; American Banker, July 9; American Shipper, July 16; Aquitania, July 13; Atlantida, July 16; Baghdad, July 10; Black Tern, July 9; Borinquen, July 8; Bremen, July 16; Buenaventura, June 22; Calliope, July 20; Cauto, July 10; Clan Macinnes, July 16; Deutschland, July 14; Drottingholm, July 9; Excalibur, July 6; Exochorda, July 22; Germany, July 17; Gypsum Express, July 23; Hamburg, June 30; Hammaren, June 30; Harpefjell, July 19; Ingrid, July 9; Kiyokawa, July 12; Maasdam, July 16; Manhattan, July 13; Mauna Loa, July 14; Nako, July 16; Oriente, July 19; Pan America, July 17; Paraguayo, July 9; Pastores, July 18; Pilsudski, July 16; Pipetone County, July 17; San Jacinto, July 13; Santa Rose, July 16; Sardinian Prince, July 19; Scanstates, July 3; Scythia, July 16; Siboney, July 1; Transylvania, July 16; Trongate, July 14; Ulua, July 17; Vulcania, July 9; Veendam, July 9

ACETONE—4,130 lbs, Stavangerfjord, Oslo
ACID, MURIATIC—2,256 lbs, Ulua, Porto Colombia
SULPHURIC—1,300 lbs, Borinquen, San Juan; 6,036 lbs, Pastores, Porto Colombia
TARTARIC—2,400 lbs, Sardinian Prince, Capetown; 1,220 lbs, Ulua, Cartagena
AMMONIA, ANHYD—1,062 lbs, Buenaventura, Acajutla; 9,708 lbs, Pan America, Santos; 45,210 lbs, Canto, Tampico
PHOSPHATE—12,000 lbs, Manhattan, Hamburg
SULPHATE—506,250 lbs, San Jacinto, Arecibo; 119,080 lbs, Siboney, Vera Cruz
AMYL ACETATE—8,640 lbs, Paraguayo, Buenos Aires
ASPHALT—212,185 lbs, Harpefjell, London; 7,130 lbs, Hammaren, Halmstad; 2,610 lbs, Kiyokawa, Yokohama; 4,551 lbs, Pan America, Rio de Janeiro; 32,475 lbs, Baghdad, Hamburg; 40,231 lbs, Germa, Santos; (Nako) 68,966 lbs, Yokohama; 274,223 lbs, Tientsin; 438,319 lbs, Kobe; 2,100 lbs, American Banker, London
LIQUID—60,884 lbs, Exochorda, Marseilles; 14,333 lbs, Transylvania, Glasgow; 8,480 lbs, Sardinian Prince, Port Natal
SOLID—53,957 lbs, American Shipper, Manchester
BERRIES, MED—2,006 lbs, American Shipper, Manchester
BLUE, VITRIOL—12,906 lbs, Gypsum Empress, Windsor
BORAX—64,185 lbs, Baghdad, Oporto
BUTYL ACETATE — 3,700 lbs, Paraguayo, Buenos Aires
CALCIUM, POLYSULPHIDE SOL—3,130 lbs, American Shipper, Liverpool
CARBON, BISULPHIDE—10,106 lbs, Agwistar, Vera Cruz
CHALK, PRECIP—40,600 lbs, Pipestone County, Havre
CHEMICALS—3,180 lbs, Paraguayo, Rio de Janeiro; 1,018 lbs, Hammaren, Gothenburg; 3,787 lbs, Excalibur, Haifa
CLAY—40,000 lbs, Stavangerfjord, Oslo; 10,177 lbs, Pan America, Rio de Janerio
COALTAR, INTERMEDIATES — 3,492 lbs, Maasdam, Rotterdam; 6,754 lbs, Manhattan, Havre; 5,109 lbs, Scanstates, Gdynia
COLOR, DRY—1,298 lbs, Germa, Buenos Aires
CORN SUGAR — 11,110 lbs, Stavangerfjord, Oslo
SUGAR, ANHYDR—30,525 lbs, Nako, Yokohama
CREAM TARTAR—1,220 lbs, Ulua, Cartagena
CULVERS ROOT—500 lbs, Deutschland, Hamburg
CYANAMID—20,300 lbs, Mauna Loa, Honolulu
DYES—3,458 lbs, Hammaren, Norrkoeping; 4,932 lbs, Manhattan, Hamburg; 10,473 lbs, Pan America, Buenos Aires; 4,500 lbs, Veendam, Rotterdam; 2,680 lbs, American Shipper, Liverpool; 3,665 lbs, Nako, Osaka; 5,145 lbs, Santa Rosa, Porto Colombia
ANILIN—6,164 lbs, Deutschland, Hamburg
ETHYL CHLORIDE—7,691 lbs, Paraguayo, Montevideo
ETHYLENE COMP — 2,417 lbs, Pipestone County, Dunkirk
FERTILIZER — (Mauna Loa) 510,000 lbs, Mahukona; 509,000 lbs, Honolulu
GASOLINE, AVIATION—8,415 gls, Armadale, Fremantle
GELATIN—1,262 lbs, Pan America, Buenos Aires
GLASS, PLATE—2,775 lbs, Scanstates, Stockholm
GLUCOSE—1,091 lbs, Vulcania, Susak
SOLID—7,050 lbs, Armadale, Melbourne
GLUE—459 lbs, San Jacinto, San Juan
DRY—515 lbs, Borinquen, San Juan
GLYCERIN—(Ulua) 595 lbs, Cartagena; 2,618 lbs, Porto Colombia
GREASE, ANIMAL—20,474 lbs, Atlantida, Santiago
LUBRICATING — (Exochorda) 62,480 lbs, Marseilles; 2,185 lbs, Oran; 6,362 lbs, Algiers; 48,975 lbs, Naples; 3,010 lbs, Alexandria; 18,462 lbs, Stavangerfjord, Oslo; 7,430 lbs, Transylvania, Glasgow; (Hammaren) 15,642 lbs, Gothenburg; 26,634 lbs, Stockholm; 8,224 lbs, Malmo; 23,253 lbs, Kiyokawa, Yokohama; 4,714 lbs, Paraguayo, Montevideo; 255,294 lbs, Deutschland, Hamburg; (Trongate) 4,650 lbs, Alexandria; 1,903 lbs, Bissao; 877 lbs, Casablanca; 61,822 lbs, Marseilles; 128 lbs, Oudja; 9,282 lbs, Saigon; 13,776 lbs, Algiers; 19,575 lbs, American Shipper, Liverpool; 939 lbs, Germa, San Pedro; (Nako) 30,253 lbs, Tientsin; 4,504 lbs, Moji; 22,626 lbs, Kobe; 2,595 lbs, Ulua, Porto Colombia; 1,953 lbs, American Banker, London
GUM, TRAGACANTH—12,750 lbs, Manhattan, Havre
INK, PRINTING—10,229 lbs, Germa, Buenos Aires; 1,795 lbs, Germa, Santos
INSECTICIDE, AGRIC—31,500 lbs, Drotninholm, Stockholm; 4,110 lbs, Pan America, Buenos Aires
HOUSEHOLD—3,696 lbs, Mauna Loa, Honolulu; 15,529 lbs, Black Tern, Rotterdam
IRON OXIDE—2,497 lbs, Hammaren, Stockholm; 12,485 lbs, Maasdam, Amsterdam; 5,310 lbs, American Banker, London
KEROSENE—5,000 gls, Clan Macinnes, Port Louis
LACQUER—861 lbs, Scanstates, Stockholm; 1,612 lbs, Hamburg, Bucharest
LARD—21,000 lbs, Borinquen, San Juan; 7,525 lbs, Amapala, Manzanillo; 9,600 lbs, American Shipper, Liverpool; 5,530 lbs, San Jacinto, Mayaguez; 1,612 lbs, Hamburg, Bucharest
LEAD, RED—13,073 lbs, Paraguayo, Buenos Aires; 3,220 lbs, Germa, Buenos Aires
WHITE—15,074 lbs, Germa, Buenos Aires
LINSEED CAKE—225,690 lbs, Maasdam, Rotterdam; 112,660 lbs, Scanstates, Helsingfors; 4,447,354 lbs Black Tern, Rotterdam; 548,800 lbs, Baghdad, Hamburg
LITHOPONE—12,900 lbs, American Shipper, Manchester
LUBRICANTS—10,105 lbs, Exochorda, Jaffa
METAL, NAPHTHENATE—4,720 lbs, Scythia, Liverpool
OCHER—225,417 lbs, Hamburg, Hamburg
OIL, CASTOR—(Ulua) 4,020 lbs, Porto Colombia; 306 lbs, Amapala
CASTOR SULPHONATED—21,945 lbs, Black Tern, Rotterdam
CORN—1,152 lbs, Ingrid, St Thomas
CYLINDER—63,420 gls, Calliope, Rio de Janeiro
ESSENTIAL—619 lbs, Scanstates, Poznan; 1,562 lbs, American Banker, London
FLOTATION—2,750 gls, Cauto, Tampico
HEAVY—63,420 gls, Calliope, Rio de Jeneiro
LUBRICATING—(Exochorda) 25,194 gls, Marseilles; 550 gls, Bone; 275 gls, Oran; 630 gls, Algiers; 15,025 gls, Alexandria; 495 gls, Beirut; (Stavangerfjord) 3,640 gls, Trondhjem; 330 gls, Larvik; 17,396 gls, Bergen; 57,676 gls, Oslo; 8,040 gls, Vulcania, Algiers; 1,273 gls, Transylvania, Glasgow; (Hammaren) 2,915 gls, Gothenburg; 3,850 gls, Stockholm; 3,150 gls, Copenhagen; 2,365 gls, Malmo; 3,300 gls, Stockholm; (Ingrid) 1,260 gls, Martinique; 2,475 gls, Demerara; (Kiyokawa) 31,225 gls, Yokohama; 9,350 gls, Osaka; 9,625 gls, Kobe; 2,500 gls, Dairen; (Paraguayo) 550 gls, Santos; 2,750 gls, Montevideo; (Deutschland) 99,054 gls, Hamburg; 1,210 gls, Tallinn; (Trongate) 4,998 gls, Marseilles; 5,820 gls, Oudja; 1,100 gls, Tunis; 7,535 gls, Saigon; 825 gls, Algiers; (Sardinian Prince) 14,600 gls, Walfis Bay; 12,750 gls, Luderitzbucht; 12,480 gls, Port Natal; 1,600 gls, Durban; (Drottingholm) 550 gls, Stockholm; 550 gls, Helsingfors; 4,956 gls, Riga; (Maasdam) 1,260 gls, Rotterdam; 7,150 gls, Amsterdam; 2,090 gls, Buenaventura, Acajutla; (Armadale) 5,590 gls, Sydney; 5,900 gls, Adelaide; 39,545 gls, Fremantle; 2,515 gls, Manhattan, Havre; (Pan Americai) 2,730 gls, Rio Janeiro; 1,540 gls, Montevideo; (Clan Macinnes) 220 gls, Capetown; 275 gls, East London; 825 gls, Port Natal; 11,130 gls, Lourenco Marques; 1,310 gls, Beira; 9,235 gls, Point Galet; 12,580 gls, Port Louis; 126,840 gls, Calliope, Rio Janeiro; (Scanstates) 7,150 gls, Copenhagen; 1,320 gls, Stockholm; 336 gls, Gdynia; 275 gls, Helsingfors; (Veendam) 550 gls, Rotterdam; 56,280 gls, Amsterdam; 2,750 gls, Orsoy; Black Tern) 2,530 gls, Rotterdam; 840 gls, Amsterdam; 1,260 gls, Scythia, Liverpool; (Pipestone County) 30,450 gls, Havre; 3,860 gls, Dunkirk; 3,480 gls, Oriente, Havana; 1,350 gls, San Jacinto, San Juan; (Excalibur) 12,625 gls, Marseilles; 9,854 gls, Algiers; 4,518 gls, Oran; 21,100 gls, Alexandria; 1,295 gls, Haifa; 475 gls, Beyrouth; 18,755 gls, Siboney, Vera Cruz; 5,415 gls, American Shipper, Liverpool; 1,846 gls, Germa, San Pedro; (Nako) 10,000 gls, Yokohama; 17,325 gls, Tientsin; (Hamburg) 1,554 gls, Vienna; 14,490 gls, Hamburg; 7,150 gls, Koenigsberg; 8,890 gls, American Banker, London; 2,800 gls, Santa Rosa, Cartagena
OLEO — 34,401 lbs, Transylvania, Glasgow; 21,603 lbs, Maasdam, Rotterdam; 21,543 lbs, Scanstates, Copenhagen; 45,269 lbs, Veendam, Rotterdam; 37,368 lbs, American Shipper, Liverpool
PAINT — 27,543 lbs, Hammaren, Stockholm; 4,200 lbs, Paraguayo, Buenos Aires; 28,740 lbs, Sardinian Prince, Port Elizabeth; 13,065 lbs, Pan America, Buenos Aires; 25,980 lbs, Clan Macinnes, Port Elizabeth; 5,425 lbs, Mauna Loa, Honolulu; 4,618 lbs, San Jacinto, Mayaguez; 4,311 lbs, Ulua, Puntarenas
ENAMEL—42,736 lbs, Pan America, Buenos Aires
PREPARED—13,539 lbs, Mauna Loa, Honolulu
PEPPERMINT — 188 lbs, Pan America, Buenos Aires
SOYBEAN RES — 7,800 lbs, Deutschland, Hamburg
SPINDLE—63,420 gls, Calliope, Rio Janeiro
TAR—4,495 lbs, Hammaren, Gothenburg
VALVE—3,740 gls, Agwistar, Tampico
OILCAKE — 677,591 lbs, Pipestone County, Havre
THINNER—800 gls, Sardinian Prince, Port Elizabeth; 2,420 gls, Excalibur, Haifa
PARAFFIN — 79,880 lbs, Harpefjell, London; 28,721 lbs, Stavangerfjord, Oslo; 22,422 lbs, Hammaren, Helsingfors; (Trongate) 27,556 lbs, Alexandria; 66,480 lbs, Leixoes; (Maasdam) 22,244 lbs, Rotterdam; 23,135 lbs, Amsterdam; 11,122 lbs, Buenaventura, Acajutla; 42,927 lbs, American Shipper, Manchester; 64,462 lbs, Siboney, Vera Cruz; 203,485 lbs, Baghdad, London; (Germa) 4,450 lbs, San Pedro; 22,244 lbs, Buenos Aires; 36,729 lbs, Hamburg, Ham-

PARAFFIN (Continued):—
burg; (Santa Rosa) 52,486 lbs, Porto Colombia; 95,232 lbs, Cartagena
REFINED—26,966 lbs, Trongate, Alexandria
SCALE—24,269 lbs, Stavangerfjord, Oslo; (Hammaren) 242,367 lbs, Stockholm; 1,209,177 lbs, Horneborg; 51,128 lbs, Maasdam, Rotterdam; 121,316 lbs, Black Tern, Rotterdam; 5,146 lbs, Veendam, Amsterdam; 112,313 lbs, Scythia, Liverpool
PETROLATUM, MED—12,945 lbs, Deutschland, Hamburg
PETROLEUM, REFD—8,750 gls, Trongate, Alexandria; 5,000 gls, San Jacinto, Ponce
PHENOL—11,071 lbs, Deutschland, Hamburg
POTASH BICHROMATE—11,492 lbs, Germa, Santos
BROMATE, POWD—2,660 lbs, Maasdam, Rotterdam
XANTHATE—6,262 lbs, Armadale, Brisbane
RESIN—9,690 lbs, Nako, Yokohama
SYNTHETIC—616 lbs, Deutschland, Hamburg; 141,350 lbs, Scythia, Liverpool; 388 lbs, American Banker, London
ROSIN—7,890 lbs, American Shipper, Liverpool; 24,911 lbs, American Banker, London
SARSAPARILLA ROOT—937 lbs, Deutschland, Hamburg
SOAP—2,350 lbs, Stavangerfjord, Oslo; (Pan America) 10,340 lbs, Rio Janeiro; 12,760 lbs, Santos; 8,400 lbs, San Jacinto, Mayaguez
SODA ASH—(Paraguayo) 111,720 lbs, Montevideo; 44,688 lbs, Asuncion; (Baghdad) 6,285 lbs, Norrkoeping; 10,286 lbs, Helsingfors; 17,372 lbs, Gothenburg; 81,662 lbs, Agwistar, Tampico; 90,410 lbs, Siboney, Vera Cruz; 226,240 lbs, Nako, Osaka
BICARBONATE—3,720 lbs, Pastores, Puerto Colombia
BICHROMATE — (Paraguayo) 12,228 lbs, Santos; 24,462 lbs, Buenos Aires
CAUSTIC—81,840 lbs, Exochorda, Marseilles; 135,360 lbs, Paraguayo, Montevideo; 230,400 lbs, Kiyokawa, Yokohama; 7,190 lbs, Buenaventura, Panama; 7,525 lbs, Scanstates, Copenhagen; 7,200 lbs, Atlantida, Guantanamo; 20,140 lbs, Baghdad, Gothenburg; 177,588 lbs, Cauto, Tampico; 78,236 lbs, Oriente, Havana; 605,880 lbs, Agwistar, Tampico; 30,024 lbs, Siboney, Vera Cruz; (Germa) 97,996 lbs, Santos; 308,022 lbs, Buenos Aires; 230,400 lbs, Nako, Osaka; 72,100 lbs, Ulua, Cartagena; 115,580 lbs, Santa Rosa, Mazatlan
HYPOSULPHITE—18,080 lbs, Cauto, Tampico
METALLIC RES—8,410 lbs, Baghdad, Hamburg
PHOSPHATE TRI—11,900 lbs, Paraguayo, Buenos Aires
SAL—7,525 lbs, Scanstates, Copenhagen
SILICATE—10,971 lbs, Borinquen, San Juan; 5,278 lbs, Maasdam, Rotterdam; 2,639 lbs, American Shipper, Liverpool; 113,185 lbs, Oriente, Havana
SILICATE COMP—6,066 lbs, Pan America, Buenos Aires
SOLVENTS—16,398 lbs, Germa, Buenos Aires
T ARCH—1,420 lbs, Nako, Yokohama
CORN—708 lbs, Ingria, St Thomas; 4,600 lbs, Buenaventura, Panama City; 1,121 lbs, Armadale, Melbourne; 2,500 lbs, Veendam, Rotterdam; 2,000 lbs, Amapala, Manzanillo
SULPHUR—4,488 lbs, Pastores, Porto Colombia
TALC—60,000 lbs, Trongate, Oporto; 176,425 lbs, Baghdad, London; 11,200 lbs, Pipestone County, Havre
TANNING EXTRACT—45,210 lbs, Armadale, Melbourne; 5,240 lbs, Nako, Osaka
TREE WASH—10,105 lbs, Sardinian Prince, Capetown
TURPENTINE—2,500 gls, Paraguayo, Buenos Aires
VARNISH—547 lbs, Paraguayo, Santos; 893 lbs, American Shipper, Manchester; 1,812 lbs, Ulua, Cartagena
WITCH HAZEL EXTRACT—1,008 lbs, Transylvania, Glasgow; 1,488 lbs, Veendam, Rotterdam; 12,458 lbs, Manhattan, Havre; 4,961 lbs, Baghdad, London
ZINC CHLORIDE—4,950 lbs, Bremen, Vigo

Baltimore Exports
Clearance Dates

Atlantic, July 15; Beemsterdijk, July 15; Chastine Maersk, July 17; Chipana, July 18; City of Flint, July 20; City of Hamburg, July 15; Edgewater, July 21; Exchester, July 23; Jeff Davis, July 15; McKeesport, July 19; Nasmyth, July 19; Pan Kraft, July 14; Robin Hood, July 20; San Anselmo, July 14; Silversandal, July 18; Somerville, July 20; Uruguayo, July 17

ACID, CHROMIC—15,178 lbs, City of Hamburg, London; 11,200 lbs, McKeesport, Manchester
AMMONIA SULPHATE—950 tons, Pan Kraft, Port Natal; 400 tons, Atlantic, Lourenco Marques
ASPHALT—18 tons, City of Hamburg, London
SOLID—29,805 lbs, McKeesport, Liverpool
BLUE, ALKALI TONER—300 lbs, Chastine Maersk, Shanghai
ULTRAMARINE—10,800 lbs, Chastine Maersk, Cristobal
CHEMICAL COMPOUND—(Robin Hood) 1,156 lbs, Port Elizabeth; 955 lbs, Salisbury
DEXTRIN—(Pan Kraft) 8,000 lbs, Durban; 8,000 lbs, Capetown
FERROMANGANESE—33 tons, Chipana, Santiago
FIRECLAY—200 lbs, Chipana, San Antonio
GREASE, LUBRICATING — (San Anselmo) 3,500 lbs, Corinto; 2,911 lbs, Panama; 450 lbs, Antofagasta; 4,471 lbs, Valparaiso; 410 lbs, Puerto Aysen; 2,033 lbs, Talcahuano; 2,500 lbs, Cutuco; 4,100 lbs, Beemsterdijk, Rotterdam; 38,587 lbs, City of Hamburg, Slough Bucks; (Uruguayo) 10,944 lbs, Santos; 36,992 lbs, Rio Janerio; (McKeesport) 14,016 lbs, Manchester; 13,971 lbs, Liverpool
INSECTICIDE—680 lbs, Chastine Maersk, Hongkong
MAGNESITE, FURNACE—22,400 lbs, Chipana, Valparaiso
OCHER—44,876 lbs, Exchester, Genoa
YELLOW—1,400 lbs, Silversandal, Manila
OIL, ENGINE—196 bbls, City of Hamburg, London; 186 bbls, McKeesport, Liverpool
LUBRICATING—1,888 bbls, Nasmyth, Buenos Aires; 1 bbl, Uruguayo, Rio Janeiro
PEPPERMINT—2,500 lbs, City of Hamburg, London
PARAFFIN—31,797 lbs, Beemsterdijk, Amsterdam; 56,495 lbs, McKeesport, Belfast; 33,666 lbs, Robin Hood, Port Elizabeth
PETROLATUM—17,250 lbs, City of Hamburg, Susak
POLISH—2,054 lbs, Chastine Maersk, Manila
PORCELAIN ENAMEL, LIQ—1,137 lbs, City of Hamburg, Oslo
POTASH BICHROMATE—1,459 lbs, City of Hamburg, Memel; 22,400 lbs, Uruguayo, Rio Janeiro; 17,920 lbs, McKeesport, Manchester
RUTILE—5,730 lbs, McKeesport, Liverpool
SAND, PREPARED—308 lbs, City of Hamburg, London
SODA BICARBONATE—61,600 lbs, Chastine Maersk, Manila
BICHROMATE—7,716 lbs, City of Hamburg, Memel; 33,600 lbs, McKeesport, Manchester
SODA CAUSTIC—343,050 lbs, Chastine Maersk, Manila
STARCH—33,600 lbs, City of Hamburg, London; (McKeesport) 30,240 lbs, Belfast; 2,240 lbs, Liverpool
SUPERPHOSPHATE—1,523 tons, Edgewater, Wallaceburg
TANNING EXTRACT—61,550 lbs, Chastine Maersk, Kobe
VARNISH—3,000 gals, San Anselmo, Cristobal

Beaumont Exports
Clearance Dates

Athelregent, July 16; Porta, July 15

OIL, LUBRICATING—3,500 dms, Porta, Bremen-Hamburg
PETROLEUM, CRUDE—90,386 bbls, Athelregent, Buenos Aires

Boston Exports
Clearance Dates

Black Hawk, July 20; Esparta, July 16; Evangeline, July 23, 25; Lady Nelson, July 17; Markhor, July 19; Peter Maersk, July 19; President Van Buren, July 19; Saint John, July 23, 25; Scythia, July 18; Taybank, July 20.

ALUMINUM OXIDE—5,115 bgs, 2 bxs, and 2 kegs, 511,726 lbs, Markhor, London
BLUE, LAUNDRY—1 cs, 60 lbs, Evangeline, Halifax
BRISTLES—12 cs, 1,544 lbs, Saint John, St John, N B
CEMENT, CAN—4 dms, 2,288 lbs, President Van Buren, Kobe
RUBBER—20 dms, 15 cs, 274 gls, Esparta, Havana
SHOE—(Esparta) 29 cs, 208 lbs, Panama; 2 cs, 172 lbs, Havana
CHEMICALS, PHOTOGRAPHIC—1 dm, 105 lbs, Lady Nelson, St Lucia
CLAY—393 bbls, 98,239 lbs, Markhor, London
COALTAR—10 dms, 550 gls, Esparta, Havana
CRACK FILLER—50 crtns, 1,200 lbs, Markhor, London
DISINFECTANT—14 dms 7 cs, 1,430 lbs, President Van Buren, Honolulu
COALTAR—20 bbls, 1,000 gls, Esparta, Havana
DRESSING, LEATHER—20 pails, 84 lbs, Scythia, Leicester; 100 dms, 500 gls, Markhor, Walsall
SHOE—5 bbls, 5 pails, 6 cs, 7 pkgs, 376 gls, Esparta, Havana
FINISH, LEATHER—2 dms, 1 half bbl, 1 bx, 398 lbs, Esparta, Marianao
FLUX—100 dms, 13,500 lbs, Markhor, London
GLYCERIN—17 dms, 49,868 lbs, Black Hawk, Rotterdam
GREASE, SOAP—(Esparta) 1 bbl, 1 kg, 484 lbs, Kingston; 2 bbls, 828 lbs, Marianao
INK—1 cs, 2 gls, Esparta, Havana
MACHINE FLUID—144 gls, President Van Buren, Honolulu
MARKING—1 cs, 3 lbs, Black Hawk, Zurich
WRITING—1 pkg, Esparta, Coco Solo; (President Van Buren) 25 pkgs, Honolulu; 1 bx, Osaka; 533 pkgs, Peter Maersk, Shanghai
INVALID'S FOOD—4 cs, 95 lbs, Esparta, Havana
LINING COMP—(Black Hawk) 6 dms, 2,808 lbs, Delft; 30 dms, 1,385 lbs, Antwerp
MEDICINAL PREPS—5 cs, 805 lbs, Lady Nelson, Hamilton; 5 cs, 6 straps, 693 lbs, Esparta, Havana; 3 cs, 68 lbs, President Van Buren, Honolulu
MILK POWDER—5 crtns, 90 lbs, Evangeline, Halifax
MOLASSES—80 bbls, 4,850 gls, Black Hawk, Rotterdam
MUCILAGE—1 cs, 100 lbs, Peter Maersk, Shanghai
OIL, CODLIVER—10 dms, 55 gls, Saint John, St John, N B
LUBRICATING—2 cs, 30 gls, Scythia, Liverpool; 1 cs, 20 gls, Markhor, London; 3 dms, 150 gls, Saint John, St John, N B
PAINT, ASPHALTUM—2 bxs, 95 lbs, Esparta, Havana
PASTE, ADHES—10 dms, 550 lbs, Markhor, London; 26 pkgs, 1,101 lbs, President Van Buren, Honolulu
POLISH, SHOE—12 cs, 396 lbs, Esparta, Havana; 4 cs, 594 lbs, President Van Buren, Manila
STOVE—40 cs, 1,370 lbs, St John, St John, N B
ROSIN, NEUTRAL—6 dms, 2,400 lbs, Markhor, London
SILICON CARBIDE—63 bgs, 19,535 lbs, Markhor, London
SOAP—1,065 cs, 51,120 lbs, Esparta, Havana
FLAKES—33 cs, 1,103 lbs, Esparta, Havana; 40 cs, 1,337 lbs, Taybank, Manila
HAND—11 cs, 679 lbs, Esparta, Havana; 10 cs, 617 lbs, Taybank, Manila
MEDICATED—2 cs, 315 lbs, President Van Buren, Honolulu
POWDER—10 cs, 450 lbs, Taybank, Manila
TAR—22 cs, 550 lbs, Esparta, Havana; 1,000 cs, 34,375 lbs, Taybank, Manila
TOILET—35 cs, 853 lbs, Esparta, Havana; 3,400 cs, 96,625 lbs, Taybank, Manila
TANNING EXTRACT—4 bbls, 1,916 lbs, Esparta, Marianao
TURPENTINE, GUM—(Sain John) 15 dms, 805 gls, St John, N B; 2 dms, 110 gls, Summerside, P E I
WAX, SEALING—1 cs, 62 lbs, Esparta, Havana
SHOE—1 bbl, 25 gls, Esparta, Havana; 5 cs, 500 lbs, Black Hawk, Zurich
SYNTHETIC—10 dms, 1,00 lbs, Markhor, London

Corpus Christi Exports
Clearance Dates

Beth, July 16; Jane Maersk, July 11; Maja, July 14; Omphale, July 11

OIL, DIESEL—1,022 bbls, Maja, Curacao
FUEL—36,422 bbls, Beth, London
GAS—84,900 bbls, Maja, Curacao
PETROLEUM, CRUDE—30,816 bbls, Omphale, Donges; 87,220 bbls, Jane Maersk, Gothenburg; 31,976 bbls, Beth, London

Galveston Exports
Clearance Dates

Karpfanger, July 16; Musician, July 15; Nevada, July 16; Tatra, July 17

BLACK, CARBON—875 bgs, Musician, Liverpool; 480 bgs, 150 cs, Nevada, Havre
CONCENTRATES—440 bbls, Musician, Liverpool
MOLYBDENITE—1,096 bbls, Nevada, Antwerp
SULPHUR — (Karpfanger) 3,100 tons, Harburg; 2,040 tons, Tallinn; 500 tons, Mantyluoto; 500 tons, Wallvik; 280 tons, Nevada, Dunkirk; (Tatra) 25 tons, Gothenburg; 33 tons, Gdynia

Houston Exports
Clearance Dates

Abadan, July 14; Ada O, July 16; Agnita, July 20; Alabama, July 19; Capsa, July 15; Katy, July 14; Luminous, July 19; Genevieve Lykes, July 15; Musician, July 15; Narbo, July 16; Nevada, July 15; Sponilius, July 20; Tatra, July 16; Velma Lykes, July 15

ASPHALT—20 tons, Narbo, Havre
BLACK, CARBON—200 tons, Nevada, Havre; (Musician) 4,400 bgs, Liverpool; 2,192 bgs, 75 cs, Manchester; 17,486 bgs, Liverpool-Manchester; (Narbo) 428 pkgs, Havre; 220 cs, Antwerp; 3,584 bgs, Ghent-Antwerp; 500 cs, Rotterdam; 500 cs, Ada O, Genoa; (Tatra) 3,360 bgs, 147 cs, Gdynia; 15 cs, 448 bgs, Copenhagen
GASOLINE—54,000 bbls, Luminous, Ghent
GREASE, LUBRICATING—20 dms, 15 half dms, 20 qtr dms, Luminous, Ghent
OIL, FUEL—9,500 tons, Spondilus, Greece
GAS—9,250 tons, Abadan, Hamburg; 4,300 tons, Agnita, a port in United Kingdom
LUBRICATING—(Velma Lykes) 70 pkgs, Havana; 50 dms, Cristobal
PETROLEUM, CRUDE—10,230 tons, Katy, Nynashamn; 12,000 tons, Capsa, Montreal; 8,800 tons, Alabama, Trieste

Los Angeles Exports
Clearance Dates

Batum, July 19; Chichibu, June 28; Eleonora Maersk, July 12; Greystoke Castle, July 7; Hakubasan, July 8; Herbjohn, July 20; Isthmian, June 26; Keisho, June 23; Koryu, July 8; Kosei, June 22; Louis, July 1; Mariposa, July 23; Martin Bakke, July 9; Nippon, June 29; Oregon, June 27; Otowasan, July 20; Paul Shoup, July 18; President Taft, July 3; President Wilson, July 14; Rosebank, July 2; San Pedro, July 20; Santa Rosa, June 26; Sembilan, July 12; Silverguava, June 28; Silverpalm, June 25; Solheim, July 9; Taihei, June 30; Tatekawa, July 17; Yeiyo, July 7

ACID—320 lbs, Silverguava, Manila
BORIC—(Mariposa) 120 bgs, 13,440 lbs, Sydney; 2 bgs, 220 lbs, Brisbane; 440 pkgs, 40,710 lbs, President Wilson, Havana
MURIATIC—100 lbs, Silverguava, Manila
BORATE—570 sx, 117,260 lbs, Keisho, Osaka; 420 bgs, 65,970 lbs, Mariposa, Auckland
BORAX—(Keisho) 1,450 sx, 139,800 lbs, Yokohama; 2,174 bgs, 239,680 lbs, Osaka; 5,200 bgs, 585,920 lbs, Hakubasan, Osaka; (President Taft) 800 bgs, 88,200 lbs, Dairen; 500 bgs, 112,000 lbs, Hongkong; 1,000 sx, 111,250 lbs, Oregon, Osaka; 784 cs, 78,400 lbs, Silverpalm, Lourenco Marques; (Mariposa) 2,056 bgs, 230,270 lbs, Sydney; 40 bgs, 4,480 lbs, Brisbane; 1,521 bgs, 152,100 lbs, President Wilson, Havana; 300 bgs, 33,600 lbs, Silverguava, Calcutta
CALCIUM PHOSPHATE, TRI—400 lbs, Santa Rosa, Mazatlan
CATTLE HOOFS—73,490 lbs, Kosei, Osaka
HORNS—8,500 lbs, Kosei, Osaka
DIATOMACEOUS EARTH, REFD—22,400 lbs, Martin Bakke, Liverpool
GASOLINE—20 bbls, 6,530 lbs, San Pedro, Ensenada; 75,722 bbls, 19,763,440 lbs, Batum, Vladivostok
AVIATION—759 dms, 250,300 lbs, Silverguava, Manila
GREASE—(Silverguava) 36 cs, 1,730 lbs, Kuala Lumpur; 36 cs, 1,730 lbs, Penang; 36 cs, 1,730 lbs, Singapore
GYPSUM, CALCINED — 800 sks, 80,000 lbs, Mariposa, Auckland
INFUSORIAL EARTH—(Martin Bakke) 881 pkgs, 48,320 lbs, Manchester; 22 bgs, 2,240 lbs, Glasgow; 133 bgs, 13,440 lbs, Liverpool
KEROSENE—2,000 cs, 170,000 lbs, Silverpalm, Lourenco Marques; 5 bbls, 1,710 lbs, San Pedro, Ensenada; (Silverguava) 3,000 cs, 255,000 lbs, Penang; 5,000 cs, 425,000 lbs, Cebu
DISTILLATE—117,968 bbls, 33,266,980 lbs, Eneonora Maersk, Curacao
LACQUER—4,150 lbs, Silverguava, Manila
THINNER—3,350 lbs, Silverguava, Manila; (Silverpalm) 1,900 lbs, Capetown; 2,320 lbs, Johannesburg; 1,900 lbs, Durban; 4,800 lbs, Bulawayo; 1,010 lbs, East London
LARD—15,600 lbs, Isthmian, Puerto Rico
OIL, DIESEL—9,148 bbls, 2,854,180 lbs, Taihei, Osaka; 8,490 bbls, 2,648,880 lbs, Sembilan, Mambulao; 7,473 bbls, 2,331,580 lbs, Greystoke Castle, Manila; 20 bbls, 19,660 lbs, San Pedro, Ensenada; 13,390 bbls, 4,177,080 lbs, Paul Shoup, Puntarenas; 28,280 bbls, 8,823,360 lbs, Solheim, Tsurumi; 45,486 bbls, 14,191,630 lbs, Otowasan, Tsurumi
FISH—2,600 lbs, Mariposa, Auckland
FUEL—80,652 bbls, 26,857,120 lbs, Nippon, Yokosuka; 10,092 bbls, 3,360,640 lbs, Koryu, Osaka; 79,121 bbls, 26,347,290 lbs, Tatekawa, Yokosuka; 49,419 bbls, 16,456,530 lbs, Paul Shoup, La Union; 54,395 bbls, 18,113,540 lbs, Solheim, Tsurumi; 26,576 bbls, 8,849,810 lbs, Otowasan, Tsurumi
GAS—78,572 bbls, 23,728,740 lbs, Herbjohn, Curacao
LEMON—350 lbs, Mariposa, Wellington
LUBRICATING—(Mariposa) 200 dms, 97,780 lbs, Sydney; 103 bbls, 41,990 lbs, Melbourne; (Silverguava) 10 bbls, 5,040 lbs, Sourabaya; 420 cs, 32 dms, Kuala Lumpur; 420 cs, 32 bbls, 48,210 lbs, Penang; 490 cs, 77 dms, Singapore; 10 dms, 5,040 lbs, Batavia
SALAD—(President Taft) 1,540 lbs, Manila; 1,540 lbs, Cebu; 460 lbs, Chichibu, Yokohama
PECTIN, CITROUS—1,200 lbs, Mariposa, Melbourne
POTASH, MURIATE — (Hakubasan) 2,000 bgs, 440,920 lbs, Moji; 7,000 bgs, 1,543,220 lbs, Yokohama; (Louis) 40,040 bgs, 6,988,580 lbs, Kobe; 59,640 lbs, 11,309,600 lbs, Yokohama; 7,336 bgs, 881,840 lbs, Chichibu, Moji
ROSIN—34 dms, 14,040 lbs, Mariposa, Sydney
SCOURING COMP—280 lbs, President Taft, Hongkong
SODA, CARBONATE—500 lbs, Mariposa, Sydney
CAUSTIC—4,770 lbs, Mariposa, Auckland
SULPHITE—64,890 lbs, Oregon, Yokohama; 2,000 lbs, Mariposa, Sydney
TOILET PREPS—1,510 lbs, Rosebank, Vancouver; 570 lbs, Santa Rosa, Caracas

Mobile Exports
Clearance Date

Lindvangen, July 19

BARYTES—400 tons, Lindvangen, Port of Spain
PINETAR—7 dms, Lindvangen, Georgetown
ROSIN—50 bbls, Lindvangen, Kingston
SCOURING COMP — 30 cs, Lindvangen, Georgetown

New Orleans Exports
Clearance Dates

Anhalt, June 28; Binnendijk, July 15; Cefalu, June 29; Dalvangen, July 19; Erlangen, July 2; Frankfurt, June 30; Idarwald, June 18; Laura C, July 23; Lindvangen, July 17; Monfiore, July 14; Morazan, June 24; Nevada, July 20; Nordvangen, July 4; Primo, July 15; Tegucigalpa, June 17; Wasgenwald, July 16; Wawa, June 17, June 24; William Strachen, July 13; Youngstown, July 3

ACID, BORIC—140 sx, Tegucigalpa, Vera Cruz
ALUMINA SULPHATE—36 bbls, Tegucigalpa, Tampico
ASPHALT—(Youngstown) 444 sx, Avonmouth; 100 sx, Glasgow; (Frankfurt) 535 bgs, 117 dms, Hamburg; 124 bgs, Bremen-Hamburg transhipment; 9 tons, Nevada, Dunkirk; 1,324 bgs, Hamburg; 295 sx, Wasgenwald, Hamburg
BLACK, CARBON—(Youngstown) 1,120 sx, Avonmouth; 70 cs, 1,248 sx, Glasgow; (Binnendijk) 171 tons, London; 4 tons, Rotterdam; 6 cs, Anhalt, Lyttleton; (Frankfurt) 2,425 bgs, Bremen; 100 cs, Hamburg; 300 cs, Bremen-Hamburg; 100 cs, Bremen-Hamburg; 4 tons, Monfiore, Genoa; 20 tons, Nevada, Havre; (Idarwald) 6,882 bgs, Bremen; 321 cs, 721 bgs, Hamburg; 587 cs, Bremen-Hamburg; 4 cs, Bremen-Hamburg; (Wasgenwald) 5,735 sx, Bremen; 398 cs, 1,764 sx, Hamburg; 440 sx, 231 cs, Bremen-Hamburg; (Erlangen) 15 cs, Brisbane; 12 cs, 180 bgs, Sydney; 113 cs, Melbourne; 5 cs, Adelaide
BORAX—420 sx, Tegucigalpa, Vera Cruz; 20 sx, Morazan, Vera Cruz
CLAY—224 sx, Nordvangen, Port of Spain; (Youngstown) 220 sx, Avonmouth; 305 sx, Glasgow; 300 bgs, Frankfurt, Hamburg; (Nevada) 68 tons, Havre; 1,303 bgs, Hamburg; 1 sx, Wasgenwald, Bremen
FERTILIZER—8 sx, Cefalu, Ceiba
FIRECLAY—17 tons, Binnendijk, Antwerp; (Anhalt) 70 dms, 8 bxs, Auckland; 67 dms, 12 bxs, Wellington; 40 dms, 8 bxs, Lyttelton; 50 dms, 7 bxs, Dunedin
FIRESAND—250 sx, Youngstown, Glasgow
GASOLINE—45 tons, Nevada, Havre; (Wawa) 600 bbls, 157 dms, Puerto Cabezas; 100 dms, Ceiba
GLASS, WINDOW—36 cs, Lindvangen, Georgetown
GLUCOSE—80 bbls, Anhalt, Auckland
GREASE, LUBRICATING—4 dms, Primo, Maracaibo; 134 bbls, Idarwald, Hamburg; 31 bbls, Wasgenwald, Hamburg
EARTH, INFUSORIAL—448 bgs, Erlangen, Adelaide
INK—3 dms, Cefalu, Havana
INSECTICIDE—12 dms, Wasgenwald, Bremen-Hamburg; option
KEROSENE—75 cs, Nordvangen, Moengo; 100 cs, Lindvangen, Kingston; 2 dms, 25 cs, Cefalu, Puerto Cabezas
LARD—100 crts, Nordvangen, Port of Spain; 50 crts, Dalvangen, Port of Spain; 600 tins, Morazan, Vera Cruz
SUBSTITUTE—100 cs, Tegucigalpa, Tampico
LICORICE PASTE—1 ton, Tegucigalpa, Vera Cruz
LIME PHOSPHATE—10 bbls, Tegucigalpa, Tampico
LYE—1 ton, Tegucigalpa, Tampico
OIL, CREOSOTE — 10 dms, Cefalu, Panama City
FUEL—519 bbls, Dalvangen, Moengo; 800 dms, Cefalu, Puerto Cabezas
LUBRICATING—35 bbls, 60 dms, Youngstown, Glasgow; (Binnendijk) 48 tons, London; 32 tons, Amsterdam; 5 dms, Anhalt, Wellington; (Frankfurt) 145 dms, Bremen; 749 bbls, 372 tons, Hamburg; 10 dms, 150 bbls, Bremen-Hamburg transhipment; 12 dms, 15 cs, Primo, Maracaibo; 693 tons, Monfiore, Genoa; (Nevada) 55 tons, Havre; 14 tons, Dunkirk; 15 tons, Antwerp; 264 bbls, Laura C, Fiume; 1 dm, Wasgenwald, Hamburg; 30 bbls, Bremen-Hamburg transhipment; 33 dms, Cefalu, Puerto Cabezas; (Erlangen) 40 dms, Sydney; 110 dms, Melbourne
MINERAL—29 tons, Nevada, Havre
PARAFFIN—6 bbls, Anhalt, Wellington
PINE—20 dms, Tegucigalpa, Tampico; 4 dms, Anhalt, Wellington; 10 tons, Monfiore, Genoa
ORE CONC—51 tons, Binnendijk, London
PAINT—11 dms, Wawa, Alvaro Obregon; 7 cs, Lindvangen, Paramaribo; 1 ton, Morazan, Vera Cruz; 3 tons, Cefalu, Panama City
PARAFFIN — (Avonmouth) 150 bbls, Glasgow; 278 bbls, 250 sx, Tegucigalpa, Vera Cruz; 1,102 bgs, Frankfurt, Hamburg; 118 bbls, 610 bgs, Hamburg; 1,479 sx, Morazan, Vera Cruz; 780 bbls, Wasgenwald, Hamburg; (Nevada) 5 tons, Havre; 47 tons, Antwerp
PETROLATUM — 33 tons, Binnendijk, London; 34 bbls, Anhalt, Wellington; 303 bbls, Frankfurt, Hamburg
PETROLEUM—964 bbls, Laura C, Fiume; 70 crts, 157 bbls, Wasgenwald, Hamburg
CRUDE—408 tons, William Strachan, Trieste
PINETAR—25 dms, Nordvangen, Georgetown; 25 dms, Youngstown, Glasgow; 87 dms, Morazan, Vera Cruz; 5 dms, Cefalu, Havana; 40 dms, Erlangen, Sydney
PITCH—(Erlangen) 41 bbls, Sydney; 54 bbls, Melbourne
ROSIN—100 dms, Idarwald, Bremen-Hamburg transhipment; 3 bbls, Lindvangen, Kingston; 100 dms, Dalvangen, Kingston; 75 dms, Wasgenwald, Bremen - Hamburg transhipment; 75 bbls, Cefalu, Callao
GUM—45 bbls, 1 dm, Anhalt, Wellington
SALT—(Cefalu) 75 tons, Havana; 3 tons, Puerto Cabezas
SAND—367 bgs, Anhalt, Wellington
SODA—15 bbls, Nordvangen, Bridgetown
ASH—367 sx, Tegucigalpa, Vera Cruz
CAUSTIC—411 dms, Tegucigalpa, Vera Cruz; 290 dms, Morazan, Vera Cruz
STARCH—80 sx, Youngstown, Avonmouth; 20 tons, Binnendijk, London
SULPHUR—1,019 sx, Nordvangen, San Fernando; 267 sx, Tegucigalpa, Vera Cruz
TOBACCO EXTRACT — 125 bbls, Frankfurt, Bremen; 56 bbls, Wasgenwald, Bremen
TRIPOLI—100 bgs, Frankfurt, Bremen; (Nevada) 90 tons, Havre; 27 tons, Antwerp
TURPENTINE — (Anhalt) 133 dms, Wellington; 40 dms, Dunedin; 300 cs, 25 dms, Erlangen, Melbourne
ZINC DUST—238 dms, Morazan, Vera Cruz

Norfolk Exports
Clearance Dates

Beemsterdijk, July 17; City of Baltimore, July 9; Manchester Exporter, July 9; Markhor, July 14

BONE, SCRAP—667 bgs, 23 tons, Beemsterdijk, Rotterdam
CELLULOSE ACETATE—75 cs, 29,083 lbs, City of Baltimore, Hamburg
CLAY—1,524 bgs, 75,962 lbs, Manchester Exporter, Liverpool
GAULTHERIA LEAVES—11 bgs, 1,299 lbs, City of Baltimore, Hamburg
MAGNESIA, METALLIC—181 bxs, 38,915 lbs, Markhor, London
MEDICINAL LEAVES—64 bls, 11,505 lbs, City of Baltimore, Havre

MICA, PULV—295 bgs, 25,250 lbs, City of Baltimore, London
TANNING EXTRACT—(City of Baltimore) 25 bbls, 14,966 lbs, London; 224 bgs, 33,600 lbs, Hamburg; 508 bls, 374 bgs, 459,263 lbs, Manchester Exporter, Liverpool

Philadelphia Exports

Clearance Dates

Barbarigo, July 19; Black Condon, July 15; Black Hawk, July 22; Exchester, July 21; Jeff Davis, July 19; Kolsnaren, July 21; Markhor, July 16; Max Albrecht, July 20; Pallas, July 20; Rydboholm, July 16; San Clemente, July 19; Silversandal, July 16; Thule, July 22; Uruguayo, July 21; Waukegan, July 21; Wildenfels, July 20

ACID—1 box, Black Condor, Antwerp
ALCOHOL, ETHYL—371 dms, San Clemente, Cristobal
BENZOL—50 dms, Uruguayo, Buenos Aires
CEMENT, FIBRE—4 dms, Black Condor, Amsterdam; 4 dms, Thule, Buenos Aires; 4 dms, Uruguayo, Buenos Aires
GASKET—25 ctns, 12 cs, Jeff Davis, Manila
LINOLEUM—424 tubes, Uruguayo, Rio de Janeiro
RUBBER—20 dms, Rydboholm, Malmo; 2 crtns, Jeff Davis, Manila; 3 dms, Black Condor, Amsterdam; 4 dms, Urugayo, Buenos Aires
CLEANING COMP—3 crtns, Jeff Davis, Manila
COALTAR—40 dms, Jeff Davis, Manila
INTERMEDIATES—77 pkgs, Black Condor, Antwerp
COCOA BEAN WASTE—2,264 bgs, Black Condor, Amsterdam
DIMETHYLAMINE SOL—1 dm, Markhor, London
ETHYL FLUID—142 dms, Barbarigo, Genoa; 6 dms, Exchester, Marseilles
FERROMANGANESE—1 bbl, 1 dm, San Clemente, Cristobal
FUEL, ANTI-KNOCK COMP—125 dms, Markhor, London
GASOLINE—52,867 bbls, Pallas, Havre or Bordeaux-Rouen
GREASE, LUBRICATING — 30 crtns, Jeff Davis, Manila; (Uruguayo) 5 bbls, 26 pls, 25 cs, 4 dms, Santos; 13 dms, Buenos Aires; 5 bbls, Kolsnaren, Malmo; 2 dms, Black Hawk, Antwerp; 1 pl, Black Condor, Amsterdam; 1 dm, Thule, Buenos Aires; (San Clemente) 4 dms, Barranquilla; 13 dms, 3 cs, Lima
ILMENITE ORE—17 bbls, Black Condor, Mijmegen
INSECTICIDE—15 crtns, 14 cs, Jeff Davis, Manila; 1 dm, Uruguayo, Buenos Aires
ISO OCTANE—4 cs, Black Condor, Antwerp; 20 cs, Markhor, London
LICORICE PASTE—60 cs, Black Condor, Antwerp; 120 cs, 5 dms, Markhor, London; 40 cs, Waukegan, Glasgow; 10 cs, Kolsnaren, Malmo
WASTE—46 dms, Markhor, London
LINSEED CAKE—1,200 bgs, Markhor, London; (Waukegan) 3,200 bgs, Liverpool; 1,920 bgs, Dublin
MANGANESE ORE CONCEN—650 bgs, 7 bbls, Markhor, London
MEDICINAL EXTRACT—2 bxs, 7 bbls, Jeff Davis, Shanghai
MINERAL SPTS—6 dms, Uruguayo, Buenos Aires
OIL, CODLIVER—15 dms, Black Condor, Antwerp
CORE—2 dms, Black Condor, Schaffhausen
LUBRICATING — (Silversandal) 50 pkgs, Manila; 45 pkgs, Cebu; 1,315 pkgs, Shanghai; 343 pkgs, Hongkong; (Black Condor) 70 dms, Amsterdam; 130 dms, 6 bbls, 1 bx, Antwerp; 10 dms, Hoorn; 18 pkgs, Basel; (Rydboholm) 26 dms, Trondhjem; 33 dms, Stavanger; 14 dms, Narvik; 19 dms, Bergen; 11 dms, Cristiansund; 160 dms, Oslo; 614 bbls, 79 dms, 209 cs, 60 pkgs, Markhor, London; (Barbarigo) 119 pkgs, Mas Brod; 579 bbls, Genoa; 60 bbls, Waukegan, Dublin; (Wildenfels) 1,293 pkgs, Capetown; 910 pkgs, Port Elizabeth; 1,200 pkgs, East London; 7,379 pkgs, Lourenco Marques; 855 pkgs, Beira; 73 pkgs, Manakara; 298 pkgs, Tomatave; 125 pkgs, Majunga; 100 pkgs, Morondava; 300 pkgs, Tulear; 206 pkgs, Port Dauphin; (Uruguayo) 215 cs, 247 dms, Santos; 150 cs, 10 dms, Montevideo; 139 dms, Buenos Aires; (Exchester) 300 cs, 65 bbls, Genoa; 10 dms, Oran; 10 dms, Algiers; 7 dms, Black Hawk, Antwerp; (Max Albrecht) 1,317,960 gls, London; 782,621 gls, Antwerp; 174,976 gls, Rotterdam; 27 dms, Black Condor, Amsterdam; 1 dm, Thule, Buenos Aires; (San Clemente) 11 dms, 1 bxs, Limas; 74 dms, 6 cs, Barranquilla; 10 dms, Callao
NEATSFOOT—15 dms, Black Condor, Strasbourg; 90 bbls, Exchester, Marseilles
SPERM—1 dm, San Clemente, Cristobal
ORE CONCE—7 bbls, Markhor, Bombay
PAINT—1 ctn, Jeff Davis, Manila; 1 dm, Black Hawk, Antwerp; 116 pls, 31 dms, Black Condor, Amsterdam; 96 pls, 24 dms, 1 cs, Thule, Buenos Aires; 148 pls, 18 dms, Uruguayo, Santos
PARAFFIN—415 bbls, Black Condor, Antwerp; (Rydboholm) 84 bbls, Oslo; 83 bbls, Stugsund; 830 bbls, Horneborg
REFINED—10 bgs, Rydboholm, Riga
POLISH—2 pls, Thule, Buenos Aires; 10 pls, Uruguayo, Santos
AUTO—145 ctns, Jeff Davis, Manila
POTASH NITRATE—6 bbls, Jeff Davis, Manila
QUICKSILVER—1 bx, Markhor; 1 bx, Uruguayo, Buenos Aires
RESIN, COALTAR—11 dms, 1 cs, Markhor, London
SILICA—200 bgs, Markhor, London
SODA BICHROMATE—1 pl, Uruguayo, Santos
NITRATE—5 bbls, Jeff Davis, Manila
SOLVENT—1 dm, Uruguayo, Santos
TALLOW, MUTTON—10 cs, San Clemente, Cristobal
TOLUOL—30 dms, Jeff Davis, Honolulu
WAX—168 bbls, Waukegan, Manchester
XYLOL—10 dms, Uruguayo, Buenos Aires

Port Arthur Exports

Clearance Dates

Atlanta City, July 11; Dungannon, July 16; Fagerfjell, July 16; Genevieve Lykes, July 16; Moline, July 17; Neptuno, July 14; Steau Romana, July 15; Roanoke, July 13; Topeka, July 13; Vanja, July 19; West Harshaw, July 15; William Strachan, July 18

ASPHALT—(Atlanta City) 2,355 dms, 10 cs, Karachi; 2,505 dms, Bombay; 8 cs, 1,532 dms, Calcutta; 150 dms, Roanoke, San Juan; 25 dms, Topeka, Gothenburg; 450 dms, 646 bbls, West Harshaw, Liverpool; (Genevieve Lykes) 15 dms, 1 cs, Ciudad Trujillo; 10 dms, Ponce; 4 dms, Guayanilla; 1 bx, San Juan
PETROLEUM—2,017 bbls, 1,222 dms, 335 cs, West Harshaw, Manchester
CLEANER, DRY—10 cs, Atlanta City, Karachi
GASOLINE—(Roanoke) 51,035 bbls, San Juan; 456 bbls, Guayanilla; 200 cs, Genevieve Lykes, Guayanilla
GREASE, LUBRICATING—(Atlanta City) 190 dms, 35 cs, Karachi; 306 dms, 40 cs, Bombay; 510 cs, Madras; 120 dms, 120 cs, Calcutta; 23 bbls, Roanoke, Guayanilla; (Topeka) 15 dms, 5 cs, Oslo; 10 dms, Trondhjeim; 14 dms, 11 cs, Bergen; 30 dms, 41 cs, Copenhagen; 254 dms, 390 cs, 319 ctgs, West Harshaw, Manchester; (Genevieve Lykes) 20 dms, Ciudad Trujillo; 5 dms, 1 cs, Mayaguez; 10 cs, Guanica; 11 dms, 7 cs, San Juan
KEROSENE—50 dms, Atlanta City, Bombay; (Roanoke) 6,071 bbls, San Juan; 2,000 cs, Guayanilla; 20 dms, West Harshaw, Manchester; (Genevieve Lykes) 100 cs, Arecibo; 600 cs, Ponce; 500 cs, Mayaguez; 1,000 cs, Guayanilla; 100 cs, Fajardo; 50 cs, San Juan
OIL, DIESEL—15,802 bbls, Roanoke, San Juan
FUEL—50,810 bbls, Steau Romana, Genoa; 55,218 bbls, Dungannon, Antwerp
LUBRICATING—(Atlanta City) 1,720 dms, 340 cs, Karachi; 1,379 dms, 340 cs, Bombay; 745 dms, 50 cs, Calcutta; (Topeka) 630 dms, Oslo; 20 dms, Grondhjeim; 5 dms, Bergen; 30 dms, Copenhagen; 200 dms, 120 bbls, West Harshaw, Manchester; 1,596 dms, Dungannon, Antwerp; (Genevieve Lykes) 85 cs, La Guaira; 31 dms, 3 cs, Ciudad Trujillo; 7 dms, 10 cs, Arecibo; 15 dms, 43 cs, Ponce; 4 dms, 3 cs, Maraguez; 5 dms, Guanica; 4 cs, Aguadilla; 103 dms, Guayanilla; 15 dms, 46 cs, San Juan
PAINT SOLVENT—4 cs, Genevieve Lykes, Arecibo
PETROLEUM, CRUDE—94,597 bbls, Fajerfjell, Montreal; 76,166 bbls, Moline, Bordeaux; 69,290 bbls, Wm Strachan, Trieste; 70,602 bbls, Vanja, Venice
WAX—15 cs, West Harshaw, Manchester; 999 bgs, Dungannon, Antwerp

San Francisco Exports

Clearance Dates

Beulah, July 9; Ferncastle, July 9; La Placentia, July 7; President Taft, July 10; Rosebank, July 8; San Jose, July 3; Santa Paula, July 9; Silverguava, July 3; South Africa, July 7; Taihei, July 9; Trondanger, July 9; W B Walker, July 9; Wairuna, July 8

ABRASIVE PAPER—1 cs, President Taft, Manila
ACID, FATTY—200 sks, Santa Paula, Guayaquil
SULPHURIC—1 cs, Santa Paula, Mazatlan
ALUMINUM PASTE—1 cs, Santa Paula, La Libertad
AMMONIA—4 cs, President Taft, Philippine Islands
ANHYDROUS—450 cyls, Silverguava, Dutch East Indies; 40 cyls, President Taft, Manila
SULPHATE—20,322 sks, Silverguava, Philippine Islands
APRICOT KERNELS—50 sks, Trondanger, Holland
PULP—728 sks, Rosebank, James Island
ASPHALT—(Silverguava) 938 dms, Java; 575 bbls, Philippine Islands; 2,428 dms, 266 bbls, India; 4,300 dms, Straits Settlements; 798 dms, Medan/Batavia/Samarang/Sourabaya/Padang; (La Placentia) 606 bbls, Shellburn; 123 dms, Shellburn; (President Taft) 172 sks, Yokohama; 270 sks, Osaka; 1,017 bbls, Manila
GILSONITE—85 sks, Silverguava, India; (President Taft) 200 sks, Osaka; 15 sks, Canton
BLACK, CARBON—18 cs, Silverguava, Java; (President Taft) 30 cs, Hongkong; 150 cs, Hankow; 20 cs, Canton
COSMIC—1 bbl, Rosebank, Vancouver
BLUE VITRIOL, MONOHYDRATED—2 dms, Rosebank, Vancouver
BONE, ASH—10 bbls, Rosebank, Vancouver
BONEMEAL — 1 ton, Silverguava, Philippine Islands
BUTTER FLAVOR — 5 cs, President Taft, Hongkong
BUTTERMILK POWDER—8 bbls, Silverguava, Philippine Islands
CANARY SEED — 60 sks, President Taft, Manila
CARAWAY SEED—1 cs, President Taft, Dairen
CARBON BISULPHIDE—4 cs, Rosebank, Vancouver
CEMENT, RADIATOR — 1 cs, Silverguava, Celebes
CHEMICALS—2 cs, President Taft, Manila
CHLORINE BLEACH, LIQ — 13 cs, Silverguava, Philippine Islands; 100 cs, President Taft, Manila
CINNAMON—35 bls, Santa Paula, La Libertad
CLEANER—2 cs, Silverguava, Celebes; (Santa Paula) 30 cs, Guayaquil; 2 cs, San Jose de Guatemala; 10 cs, President Taft, Dairen
RADIATOR—1 cs, Silverguava, Celebes
POWDERED—5 cs, President Taft, Shanghai
CLOVES—5 bls, Santa Paula, La Libertad
COLOR, DRY—2 kgs, Rosebank, Vancouver; (Santa Paula) 8 cs, La Libertad; 30 cs, 4 bbls, 1 kg, San Jose de Guatemala
CONCENTRATES—192 dms, Trondanger, Belgium
CREOSOTE—1 cs, Santa Paula, Guayaquil
CUMIN SEED—11 sks, Santa Paula, La Libertad
DICHLORODIFLUOROMETHANE — 1 cyl, President Taft, Saigon
DISINFECTANT—5 dms, 2 cs, Santa Paula, Guayaquil; 5 cs, Silverguava, India
DRESSING, AUTO-TOP — 5 cs, Silverguava, Java
DRUGS—37 pkgs, Silverguava, India; 1 cs, Santa Paula, La Libertad; (President Taft) 2 cs, Cebu; 65 cs, Shanghai; 52 cs, 10 dms, Manila; 3 cs, Beulah, Apia
FERROMANGANESE — 140 dms, President Taft, Manila
FILTER PAPER—1 cs, President Taft, Manila
FIRECLAY—11 cs, President Taft, Manila
GASOLINE—(South Africa) 33,101 bbls, Newcastle-Brisbane; 61,767 bbls, Auckland-Wellington-Lyttelton-Dunedin; 30 dms, Rosebank, Shellburn; 6,678 bbls, W B Walker, Sydney-Melbourne; 91,747 bbls, Ferncastle, Sydney-Melbourne; (Beulah) 38 dms, 250 cs, Vavau; 5 bbls, 80 cs, Haapai; 150 cs, Lautoka; 1,600 cs, Levuka; 225 dms, 500 cs, Nukualofa; 25 dms, 40 cs, Fanning Island
GLASS, BROKEN—580 sks, President Taft, Hongkong
SHEET—260 cs, President Taft, Manila
GLAZING COMP — 6 kgs, President Taft, Shanghai
GLYCERIN—10 cs, President Taft, Manila
GREASE, LUBRICATING—(Silverguava) 1 cs, Celebes; 22 dms, Straits Settlements; 2 dms, 25 pls, 4 cs, India; 3 dms, 1 half dm, 5 cs, 20 pls, Java; 9 dms, 25 half dms, 85 qtr dms, 295 cs, 290 pls, La Placentia, Shellburn; (Rosebank) 1 half dm, 27 pls, Vancouver; 120 dms, 125 pls, 110 cs, Shellburn; 15 dms, 30 cs, Santa Paula, Buenaventura; 8 cs, President Taft, Manila; (Santa Paula) 70 dms, Yokohama; 75 dms, Kobe; 1 bbl, President Taft, Hongkong; 5 cs, Beulah, Nukualofa
GYPSUM—1 sk, Santa Paula, San Jose de Guatemala
HYDROGEN PEROXIDE—10 cs, Rosebank, Vancouver
INK, MARKING—2 cs, Silverguava, Philippine Islands
PRINTING—17 cs, Silverguava, Java; 1 dm, Rosebank, Vancouver; (President Taft) 2 pls, 6 dms, Shanghai; 4 cs, 1 pl, 1 dm, Hongkong
INSECTICIDE—5 cs, 5 pls, Silverguava, Java; 100 cs, Rosebank, Shellburn; 3 cs, Santa Paula, La Libertad
KEROSENE—(South Africa) 11,322 bbls, Newcastle, Brisbane; 6,400 bbls, Auckland/Wellington / Lyttleton / Dunedin; (Ferncastle) 19,639 bbls, Sydney; 4,833 bbls, Melbourne; (Beulah) 6 dms, Fanning Islands; 210 cs, 10 dms, Vavau; 400 cs, Haapai; 800 cs, Nukualofa; 30 cs, Fanning Islands; 2,213 bbls, W B Walker, Sydney/Melbourne
POWER—22,244 bbls, W B Walker, Sydney/Melbourne
LACQUER—(Santa Paula) 2 cs, La Libertad; 11 cs, San Jose de Guatemala; 1 cs, Santa Ana
THINNER—(Santa Paula) 1 dm, San Jose de Guatemala; 1 cs, Santa Ana
LEAD, RED—15 dms, President Taft, Manila
WHITE—1 cs, Santa Paula, Santa Ana; 500 kegs, President Taft, Manila
LITHARGE—37 dms, President Taft, Manila
LITHOPONE—10 sks, Rosebank, Victoria
LUBRICANT—1 cs, Rosebank, Shellburn
LYE—1 cs, Santa Paula, San Jose de Guatemala
MEDICINAL PREPS—1 cs, Silverguava, Java; 1 cs, Vancouver; 125 cs, President Taft, Manila
VETERINARY—56 cs, Rosebank, Vancouver
MILK POWDER—96 bbls, President Taft, Manila
MOTOR SPTS—(W B Walker) 11,212 bbls, Suva; 49,323 bbls, Sydney-Melbourne; (Beulah) 20 cs, Washington Island; 300 cs, 30 dms, Vavau; 500 cs, 150 dms, Nukualofa
NAPHTHA—190 dms, La Placentia, Shellburn
NUTMEGS—5 sks, Santa Paula, La Libertad; 32 cs, Trondanger, Holland
OAK EXTRACT—Rosebank, Vaucouver
CHIPS—A quantity, Santa Paula, Valparaiso
OCHER—185 bbls, President Taft, Osaka
OIL, AXLE—2,650 bbls, Silverguava, India; 3,005 bbls, W B Walker, Sydney-Melbourne
BATCHING—6,931 bbls, Silverguava, India; 1,944 bbls, W B Walker, Sydney-Melbourne
COMPRESSOR—1 cs, President Taft, Manila
COTTONSEED—50 dms, President Taft, Yokohama
CYLINDER—15 dms, Silverguava, India
DIESEL—1,362 bbls, Wairuno, Auckland; 2,952 dms, W B Walker, Suva; 1,307 tons, Taihei, Osaka; 3,810 bbls, Ferncastle, Sydney-Melbourne
FISH—50 sks, 25 bbls, Santa Paula, Panama
FLOTATION—10 dms, Rosebank, Vancouver
LINSEED—(Santa Paula) 10 kegs, La Libertad; 2 kegs, Santa Ana
LUBRICATING — (Silverguava) 757 dms, Philippine Islands; 936 dms, 4 cs, India; 325 dms, Federated Malay States; 69 dms, 1 cs, Celebes; 1,317 dms, 10 cs, Straits Settlements; 532 dms, Penang; 31 dms, India; 148 cs, 160 dms, 41 pls, Java; 65 bbls, San Jose, France; (Rosebank) 5 cs, 1 pl, Vancouver; 145 dms, 20 cs, Shellburn; 4,457 bbls, W B Walker, Sydney-Melbourne; (Santa Paula) 110 dms, Buenaventura; 6 dms, Balboa; 250 dms, 20 pls, 53 cs, Mazatlan; (President Taft) 1 cs, Tokyo; 625 dms, Kobe; 200 dms, Moji; 150 dms, Yokohama; 100 dms, Shanghai; 135 dms, Haiphong; 85 dms, Hongkong; (Beulah) 112 dms, 50 cs, Lautoka; 25 dms, 9 cs, Nukualofa; 1 cs, Washington Island; 2 dms, Vavau; 2 cs, Fanning Island
REINFORCING—1 cs, Santa Paula, San Jose de Guatemala
SOAP—10 dms, Santa Paula, Colon
TRANSFORMER—6 cs, Silverguava, Philippine Islands; 30 bbls, President Taft, Shanghai
PAINT—(Silverguava) 88 cs, 6 pls, India; 50 cs, Philippine Islands; (Santa Paula) 5 cs, 2 kgs, La Libertad; 10 kgs, 120 cs, 3 pls, San Jose de Guatemala; 31 cs, 6 kgs, Guatemala; 5 dms, Havana; (President Taft) 19 cs, Shanghai; 110 pls, 137 cs, 10 kgs, Manila
ALUMINUM—5 cs, Silverguava, Philippine Islands; 4 cs, Santa Paula, La Libertad
COLD-WATER—1 cs, Rosebank, Vancouver
COPPER—2 cs, Beulah, Vavau
ENAMEL—(Santa Paula) 6 cs, San Jose de Guatemala; 10 cs, Navajoa; 1 cs, Beulah, Nokualofa
PREPARED—4 cs, Santa Paula, Santa Ana; 13 cs, Silverguava, Philippine Islands; 2 cs, President Taft, Tokyo
REMOVER—4 cs, Santa Paula, San Jose de Guatemala
THINNER—40 pls, President Taft, Manila
PEPPER, BLACK—5 sks, Santa Paula, La Libertad
PETROLATUM—17 dms, 7 qtr dms, Rosebank, Vancouver
PETROLEUM, CRUDE—77,000 bbls, La Placentia, Shellburn
REFINED—(Rosebank) 6 cs, 54 dms, Vancouver; 2 cs, Shellburn; (Silverguava) 300 bbls, India; 30 bbls, Philippine Islands; 2 cs, Silverguava, Straits Settlements; 101 dms, 25 cs, Java; (President Taft) 100 dms, Yokohama; 2 cs, Hongkong; 20 dms, 200 cs, Haiphong; 4,495 bbls, W B Walker, Sydney-Melbourne; (Beulah) 280 OIL, FLUSHING (Continued):—
cs, 10 dms, Vavau; 305 cs, Haapai; 4,800 cs, Lautoka; 700 cs, Lavuka; 1,240 cs, 5 dms, Nukualofa
PITCH—2 bbls, Santa Paula, Mazatlan
POTASH CARBONATE, CALC—1 cs, Rosebank, Vancouver
ETHYLXANTHATE — 400 dms, Rosebank, Britannia Beach
POLISH—7 cs, Santa Paula, Guayaquil
AUTO—2 cs, Silverguava, Celebes
FURNITURE—50 cs, Rosebank, Shellburn; 2 cs, Santa Paula, San Jose de Guatemala
METAL — 4 cs, Silverguava, Philippine Islands; 4 cs, Santa Paula, Guayaquil
SHOE—9 cs, Silverguava, Philippine Islands
STOVE—4 cs, President Taft, Dairen
WOOD—6 cs, Silverguava, Philippine Islands
XANTHATE—32 dms, Rosebank, Britannia Beach; 44 dms, President Taft, Manila
PUTTY—(Santa Paula) 1 cs, La Libertad; 1 cs, San Jose de Guatemala; 2 cs, 40 kgs, President Taft, Manila
RESIN, SYNTH—1 dm, President Taft, Kobe
ROSEMARY—1 sk, Santa Paula, La Libertad
SAND—160 dms, President Taft, Manila
SHELLAC, DRY—1 sk, Santa Paula, San Jose de Guatemala
LIQUID—1 cs, President Taft, Shanghai
SOAP, CHIP—1 bbl, Rosebank, Vancouver
GRANULATED—3 cs, Silverguava, Philippine Islands
MEDICATED—5 cs, Rosebank, Vancouver
TOILET—(President Taft) 20 cs, Dairen; 43 cs, Yunnanfu
VETERINARY—3 cs, Rosebank, Vancouver
SODA—40 cs, President Taft, Shanghai
SILICATE—400 sks, Silverguava, Philippine Islands; 5 dms, Santa Paula, Colon; (President Taft) 334 sks, Shanghai; 600 sks, 6 dms, Vancouver
SOLVENT—40 dms, Silverguava, Straits Settlements; 10 dms, La Placentia, Shellburn; 71 dms, Rosebank, Shellburn
DRAINPIPE—7 cs, Silverguava, Philippine Islands
PAINT—15 bbls, Silverguava, India
TALLOW—80 dms, Santa Paula, Havana
TAPIOCA—1 sk, Santa Paula, La Libertad
TOILET PREPS—(Silverguava) 1 cs, Java; 1 cs, Philippine Islands; (President Taft) 3 cs, Manila; 13 cs, Yokohama; 13 cs, 7 dms, Osaka; 1 cs, Hongkong; (Beulah) 1 cs, Vavau; 8 cs, Apia
VANILLA BEANS—4 cs, President Taft, Dairen
VARNISH—(Santa Paula) 1 dm, 9 cs, San Jose de Guatemala; 1 cs, Navaloa; 1 cs, Santa Ana; 10 cs, President Taft, Manila
WATERPROOFING COMP—6 cs, Santa Paula, La Libertad
WAX—12 cs, Santa Paula, Guayaquil; 1 cs, President Taft, Manila
FLOOR—2 cs, Santa Paula, San Jose de Guatemala
WOOD, PRESERVATIVE—(Santa Paula) 8 dms, Guatemala; 8 dms, 7 cs, San Jose de Guatemala; 4 kgs, La Libertad
ZINC DUST—40 cs, Santa Paula, Pisco; 521 dms, President Taft, Manila

Savannah Exports

Clearance Dates

Mangalore, July 17; Skeldergate, July 17

COTTON LINTERS—478 bls, Skeldergate, Bremen
DEER TONGUE LEAVES—(Skeldergate) 42 bls, Bremen; 2 bls, Rotterdam
OIL, PINE—(Mangalore) 23 dms, Sydney; 10 dms, Adelaide
PINETAR—46 dms, Mangalore, Melbourne
ROSIN, GUM—(Skeldergate) 100 bbls, London; 2,364 bbls, Hamburg; (Mangalore) 40 bbls, Brisbane; 1,350 bbls, Sydney; 4 dms, Wellington; 1,000 bbls, Melbourne; 25 bbls, Adelaide
WOOD — (Mangalore) 15 bbls, Brisbane; 25 bbls, Sydney; 50 bbls, Adelaide
TURPENTINE GUM—232 bbls, Skeldergate, London; (Mangalore) 170 cs, 50 pls, 94 dms, Brisbane; 355 dms, 100 pls, 1,475 cs, Sydney; 54 dms, Lyttleton; 25 cs, Wellington; 621 dms, 1,455 cs, 225 pls, Melbourne; 5 dms, Fremantle; 180 cs, 10 pls, 65 dms, Adelaide
WOOD—(Mangalore) 6 dms, 100 pls, Brisbane; 100 dms, Melbourne; 185 pls, 18 dms, Adelaide

Tampa Exports

Clearance Dates

Goldfield, July 17; Laura C, July 15; Tsuyama, July 16; William C Atwater, July 17

ASPHALT—6 dms, Goldfield, Georgetown
BAKING POWDER—9 ctns, Goldfield, Georgetown
GASOLINE—68 dms, Goldfield, Georgetown
PHOSPHATE — 3,002 tons, Tsuyama, Yokohama; 3,677 tons, William C Atwater, Sorel; (Laura C) 2,000 tons, Ancona; 3,253 tons, Hungary
SOAP—17 cs, Goldfield, Georgetown

Coastwise Shipments

Corpus Christi Coast Trade

OIL FUEL—60,623 bbls, George W Barnes, Baytown
PETROLEUM, CRUDE — 75,094 bbls, Astral, New York; 76,414 bbls, Cities Service Missouri, Baytown; 75,676 bbls, Dungannon, Port Arthur; 14,604 bbls, Halsey, New York; 105,392 bbls, H H Rogers, Baytown; 111,390 bbls, E M Clark, Baytown; 149,119 bbls, Wm Rockefeller, Baytown; 72,810 bbls, Bidwell, Port Arthur; 24,913 bbls, Malvina, Baytown; 61,661 bbls, Beta, Baytown; 136,519 bbls, Charles G Black, Baytown; 112,923 bbls, E T Bedford, Baytown; 144,900 bbls, W S Farish, Baytown; 107,565 bbls, Walter Jennings, Baytown; 101,434 bbls, Vistula, Baytown

Galveston Coast Trade

SULPHUR—1,500 tons, Point Bonita, Portland; (Henry D Whitno) 1,500 tons, Portland; 500 tons, Vancouver; 1,000 tons, Coos Bay; 1,000 tons, Du Pont

Los Angeles Coast Trade

GASOLINE—4,111 bbls, S & C No 2, San Diego; 55,802 bbls, Arizona, Seattle; 3,522 bbls, S & C No 41, San Diego; 81,635 bbls, Agwiworld, San Francisco; 69,132 bbls, Lebec, Portland; 5,484 bbls, S & C No 2, San Diego; 73,897 bbls, Utacarbon, Oleum; 4,627 bbls, S & C No 41, San Diego; 80,600 bbls, Dilworth, Portland
OIL, DIESEL—1,155 bbls, S & C No 2, San Diego; 1,485 bbls, S & C No 41, San Diego; 5,882 bbls, Lebec, Portland; 20,494 bbls, El Segundo, Richmond
FLUSHING—2,472 bbls, Tejon, Davenport
OIL, FUEL—98,000 bbls, S O Barge No 95, Richmond; 45,641 bbls, Brandywine, Tacoma; 2,410 bbls, Coast Trader, Portland; 66,794 bbls, Tejon, Davenport; 60,000 bbls, Baldhill, Seattle; 8,500 bbls, Lebec, Portland; 50,068 bbls, Torres, Everett; 55,972 bbls, Neches, San Diego; 2,413 bbls, Coast Shipper, Portland
PETROLEUM, CRUDE—72,470 bbls, La Brea, Oleum
SOLVENTS—51,543 bbls, Deroche, Paulsboro

San Francisco Coast Trade

ACID—131 pkgs, West Planter, Portland, Ore
165 crbys, Forbes Hauptman, Seattle
BORIC—33 tons, William Luckenbach, New York
TARTARIC—15 tons, Santa Paula, New York
ALUMINA SULPHATE—100 tons, Coast Merchant, Port Townsend
500 sks, Nabesna, Seattle
15 tons, Cellio, Los Angeles
AMMONIA—20 cyls, West Planter, Portland, Ore
60 cyls, Forbes Hauptman, Tacoma
APRICOT KERNELS—26 tons, Panaman, New York
ASPHALT—100 bbls, Forbes Hauptman, Seattle
238 bbls, Josephine Lawrence, Astoria
228 bbls, Josephine Lawrence, Long View
BONE MEAL—500 sks, West Planter, Portland, Ore
BRISTLES—5 cs, President Wilson, Boston
CASEIN—23 tons, Panaman, Boston
15 tons, Texada, Seattle
CEMENT, ASPHALT—15 tons, Coast Merchant, Seattle
LIQUID—160 bbls, Nabesna, Seattle
LIQUID—15 tons, Cellio, Los Angeles
CHLORINE BLEACH, LIQUID — 600 cs, Nabesna, Portland, Ore

(Continued on page 60)

Business Wants and Offers

Minimum rate (36 words), without display, $2.00 per insertion; 25c for each additional 6 words

Payable in advance at 12 Gold Street, New York

Agencies Wanted

FIRM with headquarters in Cincinnati would be interested in representing producers of chemicals and pigments in that and adjacent territory. BOX 339, Oil, Paint and Drug Reporter.

Agents Wanted

SALES RIGHTS to synthetic resins and black lacquer bases available to agents actively contacting the paint manufacturing industry in foreign territories. These materials now being sold in England, Australia, Denmark, Canada, Argentina and Palestine. Customers are furnished detailed manufacturing information, including formulae, to insure successful use. Jones-Dabney Company, Inc., Louisville, Ky.

Equipment Offered

FROM the $10,000,000 Spreckels liquidation. —Three No. 4 Vallez rotary filters; 42-inch cast iron; 40 A. T. & M. 40-inch bronze basket centrifugal machines arranged in batteries of 3, 4, 6 and 8; 1 Swenson triple effect evaporator, copper tubes, 2,000 sq. ft. per effect; 120 motors, 5 h.p. to 150 h.p., 3 phase, 60 cycle, 220 volts; 500 tons valves and fittings; miscellaneous vacuum, centrifugal and steam pumps; compressors, engines; 9 Heine water tube boilers, 500 h.p. each, 180 lb. pressure, with Murphy automatic stokers; 50 bucket elevators; 150 steel storage tanks, 500 gals. to 10,000 gals.; 15 horizontal jacketed, closed mixing tanks, 5,000 to 10,000 gallons each; miscellaneous screw and belt conveyors, etc. Send us your inquiries. Arrange to visit plant, Consolidated Products-Spreckels Liquidation, Yonkers, N. Y. Telephone: Yonkers 2400.

FOR SALE.—Five roller mill, lead mixers, semi-paste mixers, roller mills, pony mixers, change can mixers, pebble mills, dry mixers. Day rapid sifter No. 3. We buy surplus machinery. BOX 329, Oil, Paint and Drug Reporter.

GUARANTEED EQUIPMENT.—Jar, pebble and ball mills; pony mixers, iron mills; Buhrstone mills, lead and paste mixers; roller mills; pulverizers; filter presses; dryers, glass lined kettles and tanks; vacuum stills; kettles; mixers, pumps. Specialists in hydraulic equipment for the plastic industries. We buy your surplus machinery. Stein Equipment Corp., 426 Broome street, New York City.

FOR SALE—Will sacrifice the following machinery. New water-cooled Ross Mill. 72 gallon Ross lead mixer, Varnish cooking oil heater, copper and iron varnish kettles. BOX 331, Oil, Paint and Drug Reporter.

Equipment Offered

PEBBLE MILLS.—One and four gallons new jars. Porcelain lined, 25-50 gallons Silex lined, 70 gallons working capacity. We build pebble mills. Lawler Engineering Company, Durham Avenue, Lehigh Valley Railroad, Metuchen, N. J.

Equipment Wanted

WANTED.—Maciellan Batch Mixer, hand operated type—about hundred pound size. Must be in good condition, clean and suitable for food mixing. Malt Products Co., 7755 Loomis Blvd., Chicago, Ill.

Factories Offered

BRICK FACTORY.—Two story, 26,000 sq. ft. sprinklers, good headroom, live steam available 24 hours day; railroad siding yard. Unrestricted district. Fifteen minutes to Manhattan. Low rent. The R. L. Kraft Company, Woolworth Building. COrt. 7-9377.

Materials Wanted

WILL BUY any quantity surplus or by-product chemicals, greases, waxes, oils, solvents, colors, metal and all raw materials. We pay highest prices. Will also buy complete plant inventory. Write Barclay Chemical Company, Inc., 75 Varick street, New York City. WAlker 5-4250.

Partnership Wanted

FIRST CLASS paint and varnish maker wants connection as partner with owner of small paint and varnish factory. Makes the best-selling flat white on the market, gloss, enamels, stipples and a full line. Apply BOX 327, Oil, Paint and Drug Reporter.

Positions Vacant

SALES REPRESENTATIVE WANTED: Important territory is open with a national New York drug firm to succeed retired representative after some thirty years service. High grade, experienced, under 45 years of age, who may have either sold or otherwise been closely associated with the wholesale or manufacturing trade (not retail). Must have energy, ability, integrity. Salary a reasonable one to start with prospect of doubling in a few years. Give full details age, education, religion, all past connections and salaries received. Replies will be treated confidentially. BOX 330, Oil Paint and Drug Reporter.

TECHNICAL MAN, experienced in the formulation of industrial enamels and varnishes, wanted by an Eastern manufacturer. Write, giving complete details. BOX 324, Oil, Paint and Drug Reporter.

Positions Vacant

SALESMAN WANTED—Progressive New Jersey lacquer manufacturer with New York office has opening for ambitious young man looking for permanent connection. State age, dependents, education, reference. BOX 314, Oil, Paint and Drug Reporter.

Positions Wanted

SALES EXECUTIVE, successfully identified with chemical and allied interests for twenty years; wide experience; knows markets; possesses sound business judgment and capable of getting and building business. Christian faith, age forty-two, married, perfect health. Investigation of his background will prove enviable record of accomplishment and substantial earning power. Available immediately. BOX 291, Oil, Paint and Drug Reporter.

LACQUER CHEMIST—Capable executive experienced in the development, production and sale of lacquers and other finishing materials, desires to make change. At present employed in charge of lacquer plant. Well qualified to assume full charge of production or general management. Excellent record. BOX 304, Oil, Paint and Drug Reporter.

EXECUTIVE, PRODUCTION, or research position desired. Experienced in administration, plant maintenance and production, color matching, and formulation of shelf and industrial paints, lacquers, and enamels. Now financially well employed in another field, but will make some sacrifice to return to the paint or chemical field. Age 28. Will go anywhere. BOX 313, Oil, Paint and Drug Reporter.

MAN WHO operated five oil mills with hydraulic presses, Anderson expellers and solvent extractors, open for position. Will supply books showing former customers. BOX 323, Oil, Paint and Drug Reporter.

CHEMIST and formulator—fifteen years laboratory and production experience in industrial paints, varnishes, lacquers and synthetics. Available immediately. Southern city preferred. BOX 335, Oil, Paint and Drug Reporter.

SALESMAN.—Paints, colors. Twenty-five years selling experience. Extensive following among leading jobbers, retail paint stores, parquet floor and furniture manufacturers in Metropolitan area. Wishes to connect with A-1 manufacturers. Commission basis. BOX 338, Oil, Paint and Drug Reporter.

EXPERIENCED TABLET maker and coater, in the human and veterinary line, expert on operation and repair of all type of machines, also on enteric and gum coating, also yeast, effervescent tablets and salts. BOX 325, Oil, Paint and Drug Reporter.

Positions Wanted

SALESMAN.—Graduate chemist desires sales position with reputable paint or chemical concern, traveling Southern territory. Now employed, successful past record. BOX 326, Oil, Paint and Drug Reporter.

PRACTICAL and technical paint and varnish maker wants position as plant manager or superintendent. Makes a very successful line of white goods, industrial finishes, and general line of paints and varnishes. Good tinter and production man. Apply BOX 328, Oil Paint and Drug Reporter.

MANUFACTURING CHEMIST — Has specialized in waxes, also soaps and polishes. BOX 332, Oil, Paint and Drug Reporter.

MANUFACTURING CHEMIST — Has experience in printing inks, lacquers and colors. BOX 333, Oil, Paint and Drug Reporter.

RESEARCH and ANALYTICAL CHEMIST —Has worked in pharmaceuticals, dyes and precious metals. BOX 334, Oil, Paint and Drug Reporter.

RECENT GRADUATE—23 years of age—Masters degree in chemistry, Columbia University, desires connection with reliable firm. Of importance is an opportunity to develop with the growth of a new industry. BOX 336, Oil, Paint and Drug Reporter.

SALES.—Tall, healthy, personable, young man, Masters degree in chemistry would like to enter sales department of reliable firm. Future is paramount. BOX 337, Oil, Paint and Drug Reporter.

POSITION WANTED.—Intimately familiar with sales of manufacturers in the cosmetic field, I am seeking a connection in an executive capacity with a manufacturer who has an opening preferably in Chicago or vicinity. Am not averse to travelling a part of the time. My educational background and business experience qualify me as an executive. References and full details will be gladly furnished to manufacturers of standing. Address BOX 340, care of Oil, Paint and Drug Reporter.

Surplus Stock

CHECK INVENTORIES. — Cash for any quantity surplus finished or raw material —chemicals, oils, coaltar products, metals, drugs, pharmaceuticals, gums, wastes and by-products. Entire plants bought. Chemical Service Corp., 101A East 19th Street, New York, STuyvesant 9-0134.

REBUILT MACHINERY SELECTED ITEMS

16—Pebble Mills, porcelain and silex lined, 10 to 1,000 gals., some with roller bearings.
5—Colton Stokes & Mulford Tablet Machines, ½" to 2" dia.
2—500 gal. Aluminum Jack. Agit. Kettles.
2—26" Tolhurst Extractors, rubber lined baskets.
16—Dry Powder Mixers, 100 lbs. to 2,200 lbs. capacity.
1—Colton No. 10 worm type Paste Filler.
5—Day Pony Mixers. 5, 15 and 40 gals.
8—Paste Mixers, 50 to 100 gals.
1—700 gal. Duriron Jack. Kettles, closed.
2—W. & P. Jack. Mixers, 200 gal., power tilting, sigma blades.
25—Filter Presses, 6" to 42" size.
3—Buffalo 32"x90" Double Drum Atmospheric Dryers.
2—W. & P. Jacketed Mixers, 100 gal., power tilting, heated sigma blades.
9—Devine and Buffalo Vacuum Shelf Dryers, assorted sizes.
8—Copper and Aluminum Jacketed Kettles, 175 to 400 gals.
9—Roller Mills 3x10 up to 16x40.

Miscellaneous: Dryers; Mixers; Filters and Filter Presses; Kettles; Pulverizers; Mills; Grinders; Tanks; Pumps; Boilers; etc. Send for our Bulletins.

CONSOLIDATED PRODUCTS COMPANY, Inc.

15-17-19 Park Row, New York, N. Y. Phone: Barclay 7-0600

Plant: 335 Doremus Ave., Newark, N. J. Cable Address: Equipment

San Francisco Coast Trade

(Continued from page 59)

CLAY, CALC—23 tons, Panaman, New York
25 tons, Oregonian, New York
COCONUT, DESIC—288 cs, Panaman, Norfolk
123 cs, Coloradan, Wilmington, N C
13 tons, San Lucas, Baltimore
15 tons, San Lucas, Norfolk
200 cs, San Lucas, Philadelphia
5 cs, Point Arena, New Orleans
70 cs, Point Arena, Houston
20 cs, Point Arena, Mobile
1,300 cs, Oregonian, New York
2,695 cs, President Wilson, New York
400 cs, President Wilson, Boston
COLOR, EARTH—14 tons, Oregonian, New York
CORE COMPOUND—14 tons, Santa Paula, New York
CRACKLINGS—300 sks, Nabesna, Seattle
EGG YOLK, HEN—676 cs, San Lucas, Baltimore
ETHYLENE DIBROMIDE—26 tons, Panaman, Philadelphia
FIG PASTE—3 tons, Coloradan, Jacksonville
GLUE, LIQUID—10 cs, Mexican, Seattle
THINNER—17 tons, Texada, Seattle
GLYCERIN, REF'D—35 dms, President Wilson, New York
GREASE, LUBRIC—8 kegs, Mexican, Seattle
GUM, COPAL—150 sks, President Wilson, New York
VARNISH—180 sks, President Wilson, New York
HONEY—14 tons, William Luckenbach, Philadelphia
370 cs, Forbes Hauptman, Seattle
14 tons, Texada, Seattle
200 cs, Mexican, Tacoma
INSECTICIDE—20 cs, Mexican, Seattle
AGRICULTURAL—375 cs, President Wilson, New York
DRY—15 cs, Pennsylvanian, Tacoma
KAVA KAVA—8 tons, Oregonian, New York
LEAD, ANTIMONIAL—91 tons, Oregonian, New York
MAGNESITE—42 tons, William Luckenbach, New York
45 tons, Oregonian, New York
MAGNESIA CARBONATE—23 tons, William Luckenbach, New York
OXIDE—38 dms, President Wilson, New York
MILK POWDER—45 tons, Panaman, New York
20 tons, Panaman, Philadelphia
16 tons, Santa Paula, New York
20 tons, Oregonian, Port Newark
OIL—791 pkgs, Forbes Hauptman, Seattle
2,000 pkgs, Folbes Hauptman, Point Wells
76 tons, Coast Merchant, Seattle
21 tons, Coast Merchant, Bellingham
1 dm, 1 cs, Alaskan, Portland, Ore
22 dms, 1,198 cs, 10 nls, Mexican, Seattle
COCONUT—2 dms, Mexican, Seattle
LUBRICATING—430 cs, 29 dms, Pennsylvanian, Seattle
917 tons, San Lucas, Bayonne
60 tons, Celilo, Los Angeles
TRANSFORMER—128 dms, Santa Paula, New York
VEGETABLE—23 tons, Oregonian, New York
OLEOMARGARIN—44 tons, Coast Farmer, Portland, Ore
100 cs, President Wilson, Los Angeles
PAINT—15 tons, Texada, Tacoma
20 tons, Texada, Seattle
15 tons, Celilo, Los Angeles
1,211 pkgs, Josephine Lawrence, Portland, Ore
1 cs, Mexican, Seattle
PETROLEUM GAS, LIQUID—35 tons, Texada, Seattle
PRODUCTS—270 pkgs, Josephine Lawrence, Astoria
1,948 pkgs, Josephine Lawrence, Willbridge
POLISH, METAL—3 cs, Mexican, Seattle
POTASH, CAUSTIC, LIQUID—1 dm, President Wilson, New York
XANTHATE—24 tons, Oregonian, New York
PRUNE CONCENTRATE—6 tons, Oregonian, Port Newark
RICE BRAN—30 tons, Celilo, Los Angeles
SALT—2,000 pkgs, Forbes Hauptman, Seattle
1,200 sks, Forbes Hauptman, Tacoma
86 tons, Coast Merchant, Bellingham
20 tons, Coast Farmer, Portland, Ore
208 tons, Texada, Seattle
3,000 pkgs, Nabesna, Portland, Ore
514 sks, Josephine Lawrence, Astoria
480 sks, Josephine Lawrence, Portland, Ore
915 pkgs, Josephine Lawrence, Portland, Ore
SOAP—398 pkgs, Josephine Lawrence, Astoria
LIQUID—3 cs, Alaskan, Portland, Ore
POWDER—20 cs, President Wilson, New York
STOCK—11 tons, Oregonian, Boston
SODA SILICATE—22 tons, Coast Farmer, Portland, Ore
50 dms, J L Luckenbach, Seattle
200 sks, 1 dm, Mexican, Seattle
STONE, GROUND—400 sks, Forbes Hauptman, Seattle

Texas University Sells 84 Oil and Gas Rights

A recent sale at public auction of the oil and gas rights on 84 tracts of land, each approximately 160 acres, all owned by the University of Texas, brought cash bonuses totaling $383,800. There was much competitive bidding for the land in McAndrews county which borders the New Mexico line. The awards went to the Sinclair-Prairie Oil & Gas Company, Texas Company, Empire Oil & Gas Company, Magnolia Petroleum Company, Ohio Oil Company, Superior Oil Company, Gulf Oil Corporation, Phillips Petroleum Company, Humble Oil & Refining Company, Atlantic Refining Company and the Stanolind Oil & Gas Company. An early drilling is reported.

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1—Day Imperial No. 30 Trough Mixer, 75 gallons.
1—Lead Lined Mixing Tank, 500 gals. capacity with lead coil.
2—Steel 1,000 gal. jacketed Mixing Tanks.
3—Steel Mixing Tanks, 900, 1,000 and 3,750 gallons.
2—Vertical Boilers, 60 and 45 H. P.
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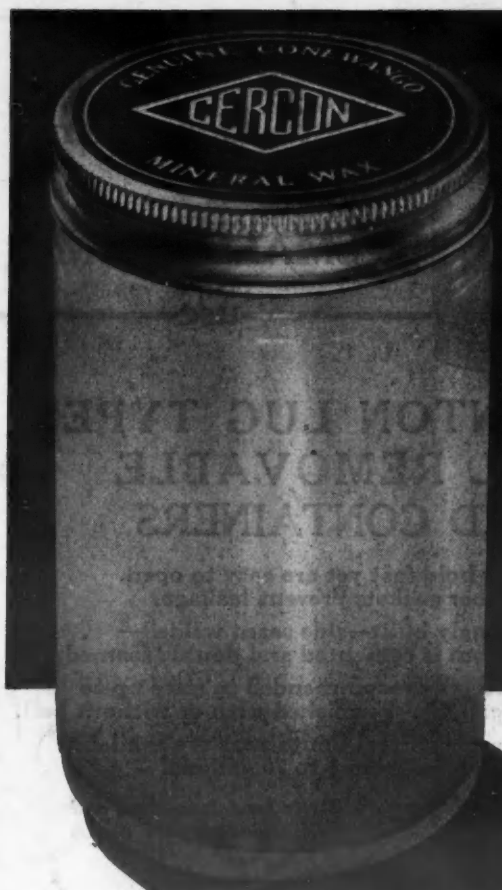

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